

# Statistical Appendix to the Annual Report

# **Project Data**

# **Boulder Canyon Project**

oover Dam, the highest and third largest concrete dam in the United States, sits on the Colorado River along the Arizona-Nevada border. Lake Mead, the reservoir formed behind Hoover Dam, is still the nation's largest manmade reservoir. It can hold a two-year supply of the average flow of the Colorado River with its storage capacity of 27.38 million acre-feet.

This enormous project began with 1928 legislation approving construction of the Boulder Canyon Project. Hoover Powerplant has 19 generating units (two for plant use) and an installed capacity of 2,074,800 kW (4,800 kW for plant use). High-voltage transmission lines and substations make it possible for people in Las Vegas, Phoenix and Los Angeles to receive power from the project.

Since the start of commercial power generation in 1936, Hoover, with yearly average generation of 4.3 billion kWh, has served the annual electrical needs of nearly 8 million people. This power is marketed under the Hoover Power Plant Act of 1984 and the 1984 Conformed General Consolidated Power Marketing Criteria and Regulations for Boulder City Area Projects. Western's Desert Southwest Region markets and transmits Boulder Canyon power.

The Hoover Power Plant Act of 1984 sets forth the amounts of Hoover power to be sold to customers after June 1, 1987. The marketing criteria have been amended to reflect the Act's provisions.

Power from the Boulder Canyon Project is marketed as long-term contingent capacity with associated energy. The contingent capacity and associated energy are available as long as, among other restrictions, sufficient water in the reservoir allows Western to meet its power delivery obligations. If sufficient power to support the customer capacity entitlements is not available, each customer's capacity entitlement is temporarily reduced. Customers are entitled to receive 4.527 billion kWh of energy (associated with contingent capacity) each year. If generation at Hoover Powerplant is insufficient, Western can purchase energy to make up the shortfall at individual customers' request on a pass-through cost basis.

The Boulder Canyon Project obligation to provide power is limited to the available output of Hoover Powerplant. Consequently, power purchases are not needed to meet contractual obligations for the energy associated with contingent capacity. However, power purchases are made for those customers requesting energy.

Project power is sold in three states: Arizona, California and Nevada. About 56 percent of Boulder Canyon Project energy sales revenue came from California customers. Of the Boulder Canyon Project's 15 customers, 11 are municipalities. These municipalities, however, provide only 28 percent of the energy revenue. Four customers accounted for 82 percent of power revenue from the project. These are the Metropolitan Water District of Southern California, Colorado River Commission of Nevada, Arizona Power Authority and Los Angeles Department of Water and Power. Existing power contracts for the Boulder Canyon Project expire on Sept. 30, 2017.

In FY 2001, Boulder Canyon Project energy sales revenue increased about 3 percent from FY 2000. Based on the existing rate methodology and customer billing methods instituted in FY 1996, power customers are billed based on annual revenue requirements and their respective percentage of the entitlement, not on actual energy delivered. The FY 2001 revenue requirement was about \$1.7 million more than that in FY 2000.

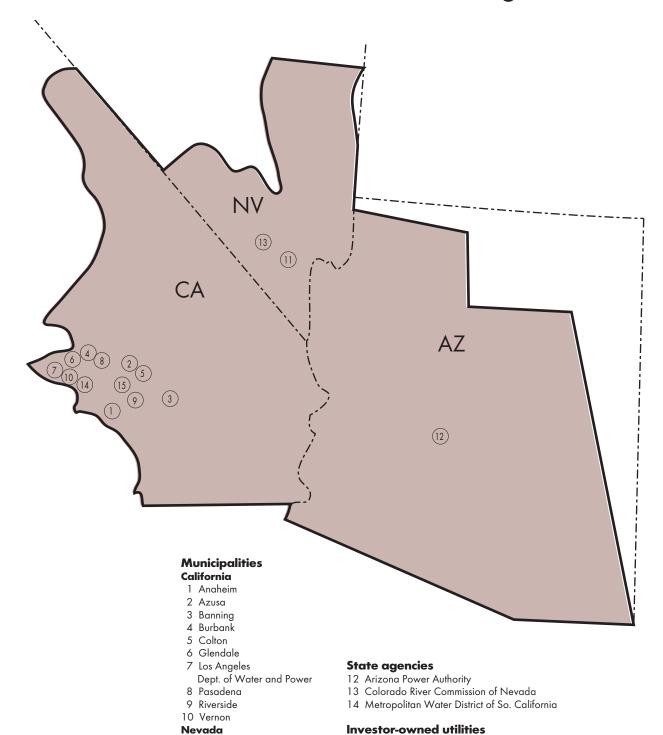
Although net generation from Hoover Powerplant decreased 7 percent from FY 2000, FY 2001 generation still exceeded the long-term average. FY 2001 was characterized by below normal hydrologic conditions in the Colorado River Basin, 59 percent of the average unregulated flow into Lake Powell (which is upstream of Lake Mead and Hoover Dam), and increased storage in the Upper Colorado reservoirs. This is slightly reduced from FY 2000, which was 62 percent of the average unregulated flow into Lake Powell. The timing of FY 2001 generation was affected by downstream water orders, variable precipitation patterns and by release and fill patterns in Upper Colorado River Basin reservoirs.

Increased water releases due to flood control operations resulted in more than 500 million kWh of Schedule C energy being delivered during FY 2001. This energy was delivered to Boulder Canyon customers according to contract requirements.

Storage in Lake Mead at the end of FY 2001 was 19.8 million acre-feet, which is 72 percent of capacity (77 percent of conservation capacity). Space-building releases for flood control purposes led to a 100,000 acre-feet reduction in storage compared to FY 2000.

# **Boulder Canyon Project**

## Firm Power Customers and Marketing Area



15 Southern California Edison Co.

11 Boulder City

# **Boulder Canyon Project**

## **Energy Resource and Disposition**

## **Facilities and Substations**

		(GWh)
	FY 2001	FY 2000
Energy resource		
Net generation	4,916	5,293
Total energy resources	4,916	5,293
Energy disposition		
Sales of electric energy		
Western sales	4,813	5,193
Total energy sales	4,813	5,193
Total energy delivered <sup>1</sup>	4,813	5,193
System and		
contractual losses	103	100
Total energy disposition	4,916	5,293

	FY 2001	FY 2000
Substations		
Number of substations	3	3
Number of transformers	9	9
Transformer capacity (kVa)	1,798,999	1,798,999
Land		
Acres	2.57	3
Hectares	1.04	1.0

## **Powerplants**

Project/state/	Operating		Initial in-service	Existing number	Installed capability <sup>1</sup>		tual pability (MW)	Net genera	tion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
Boulder Canyon Arizona-Nevad	α								
Hoover	Reclamation	Colorado	Sep 36	19	2,074 <sup>3</sup>	2,074	1,815	4,916	5,292
<b>Boulder Canyon</b>	Total			19	2,074	2,074	1,815	4,916	5,292

<sup>1</sup> Maximum operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

### **Transmission Lines**

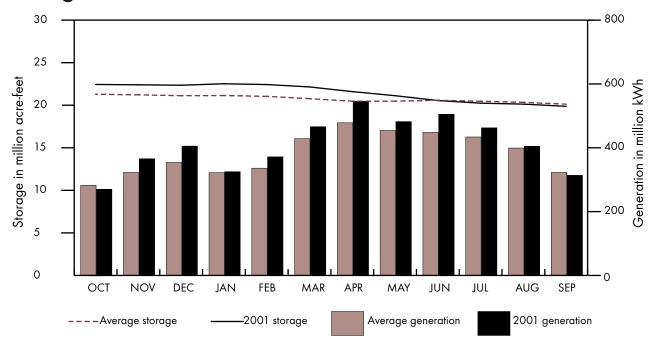
Nevada		Tot	als
FY 2001	FY 2000	FY 2001	FY 2000
57.35	57.35	<i>57</i> .35	57.35
92.28	92.28	92.28	92.28
1,135.88	1,135.88	1,135.88	1,135.88
459.87	459.87	459.87	459.87
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
32.17	32.17	32.17	32.17
13.02	13.02	13.02	13.02
57.35	57.35	<i>57</i> .35	<i>57</i> .3 <i>5</i>
92.28	92.28	92.28	92.28
1,168.05	1,168.05	1,168.05	1,168.05
472.90	472.90	472.90	472.90
	57.35 92.28 1,135.88 459.87 0.00 0.00 32.17 13.02 57.35 92.28 1,168.05	FY 2001         FY 2000           57.35         57.35           92.28         92.28           1,135.88         1,135.88           459.87         459.87           0.00         0.00           0.00         0.00           32.17         32.17           13.02         13.02           57.35         57.35           92.28         92.28           1,168.05         1,168.05	FY 2001         FY 2000         FY 2001           57.35         57.35         57.35           92.28         92.28         92.28           1,135.88         1,135.88         1,135.88           459.87         459.87         459.87           0.00         0.00         0.00           0.00         0.00         0.00           32.17         32.17         32.17           13.02         13.02         13.02           57.35         57.35         92.28           9.28         92.28         92.28           1,168.05         1,168.05         1,168.05

Energy delivered does not match energy disposition because of a two-month lag between billing and deliveries.

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities, such as project pumping energy.

Excludes 4.8 MW reserved for plant use but included in number of units.

## **Storage and Generation**



### **Firm Power Rate Provisions**

	Rate	Capacity charge	Energy charge		Annual
Fiscal year	schedule designation	(\$/kW of billing demand)	not in excess of delivery obligations	Effective date	composite rate
2001	BCP-F6	\$0.99	5.04 mills/kWh	10/1/2000	9.75 mills/kWh

## **Rate Actions Summary**

Rate order no.	Project	Type of rate action	Date of notice of public participation	Rate schedule designation	Effective date of rate (first day of first full billing period)	Incremental changes to the annual revenue requirements \$(000)	Notes	Date submitted to FERC	
WAPA-94	Boulder Canvon	Increase	3/10/2000	BCP-F6	10/1/2000	1.643	Power	10/13/2000	

## **Marketing Plan Summary**

Project	Expiration date		
Boulder Canyon	September 30, 2017		

## Firm and Nonfirm Sales by Customer Category

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm <sup>1</sup>	Total	Firm	Nonfirm <sup>1</sup>	Total
Municipalities						
Energy sales - MWh	1,095,736	0	1,095,736	1,141,701	0	1,141,701
Revenues - \$	13,783,679	(414,745)	13,368,934	13,306,780	(539,490)	12,767,290
State agencies						
Energy sales - MWh	3,544,788	0	3,544,788	3,774,564	0	3,774,564
Revenues - \$	29,351,522	534,424	29,885,946	28,347,562	435,612	28,783,175
Investor-owned utilities <sup>2</sup>						
Energy sales - MWh	260,397	0	260,397	276,693	0	276,693
Revenues - \$	4,653,374	(119,720)	4,533,654	4,491,012	103,877	4,594,889
Total						
Energy sales - MWh	4,900,921	0	4,900,921	5,192,958	0	5,192,958
Revenues - \$	47,788,575	(41)	47,788,534	46,145,354	0	46,145,354

<sup>1</sup> Excess Boulder Canyon Project energy was delivered to Arizona Power Authority and the Colorado River Commission under Schedule C, First Priority.
All other Boulder Canyon Project customers received less energy in the same amount as these two customers' excess. The total net amount of excess energy equals zero.

## Firm and Nonfirm Sales by State

		FY 2001			FY 2000	
State	Firm	Nonfirm 1	Total	Firm	Nonfirm 1	Total
Arizona						
Energy sales - MWh	1,115,962	0	1,115,962	1,213,309	0	1,213,309
Power revenues - \$	9,142,881	1,130,753	10,273,634	8,828,397	1,216,663	10,045,060
California						
Energy sales - MWh	2,588,998	0	2,588,998	2,686,340	0	2,686,340
Power revenues - \$	27,739,339	(1,158,698)	26,580,641	26,784,326	(1,281,101)	25,503,225
Nevada						
Energy sales - MWh	1,195,961	0	1,195,961	1,293,309	0	1,293,309
Power revenues - \$	10,906,355	27,904	10,934,259	10,532,631	64,438	10,597,069
Total Boulder Canyon						
Energy sales - MWh	4,900,921	0	4,900,921	5,192,958	0	5,192,958
Power revenues - \$	47,788,575	(41)	47,788,534	46,145,354	(0)	46,145,354

<sup>&</sup>lt;sup>1</sup> Excess Boulder Canyon Project energy was delivered to Arizona Power Authority and the Colorado River Commission under Schedule C, First Priority.

All other Boulder Canyon Project customers received less energy in the same amount as these two customers' excess. The total net amount of excess energy equals zero.

## Sales by State and Customer Category

	FY	2001	FY 2000		
Type of customer	Sales (MWh)	Revenue (\$)	Sales (MWh)	Revenue (\$)	
Arizona					
State agencies	1,115,962	10,273,634	1,213,309	10,045,060	
Total Arizona	1,115,962	10,273,634	1,213,309	10,045,060	
California					
Municipalities	1,015,735	12,760,921	1,061,700	12,199,951	
State agencies	1,312,866	9,286,066	1,347,947	8,708,384	
Investor-owned utilities	260,397	4,533,654	276,693	4,594,889	
Total California	2,588,998	26,580,641	2,686,340	25,503,225	
Nevada					
Municipalities	80,001	608,013	80,001	567,339	
State agencies	1,115,960	10,326,246	1,213,308	10,029,731	
Total Nevada	1,195,961	10,934,259	1,293,309	10,597,069	
Total Boulder Canyon					
Municipalities	1,095,736	13,368,934	1,141,701	12,767,290	
State agencies	3,544,788	29,885,946	3,774,564	28,783,175	
Investor-owned utilities	260,397	4,533,654	276,693	4,594,889	
Total Boulder Canyon	4,900,921	47,788,534	5,192,958	46,145,354	

<sup>&</sup>lt;sup>2</sup> Southern California Edison has an entitlement to Boulder Canyon Project firm power.

# Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	total sales
1	Metropolitan Water District of So. Calif.	1,312,865,883	26
2	Arizona Power Authority	1,115,961,568	22
3	Colorado River Comm. of Nevada	1,115,959,945	22
4	Los Angeles Dept. of Water and Power	718,279,751	14
5	Southern Calif. Edison	260,396,820	5
	Total	4,523,463,967	89

## **Top 5 Customers in Firm Power Revenue**

Rank	Customer	(\$)	Percent of total revenue
1	Metropolitan Water District of So. Calif.	7,044,085.59	15
2	Colorado River Comm. of Nevada	5,768,344.24	12
3	Arizona Power Authority	4,677,915.73	10
4	Los Angeles Department of Water and Power	3,806,688.57	8
5	Southern Calif. Edison	1,366,818.13	3
	Total	15,619,766.67	48

## **Customers by State and Customer Category**

	2001				2000			
State/customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona								
State agencies	1	0	0	1	1	0	0	1
California								
Municipalities	10	0	0	10	10	0	0	10
State agencies	1	0	0	1	1	0	0	1
Investor-owned utilities	1	0	0	1	1	0	0	1
Nevada								
Municipalities	1	0	0	1	1	0	0	1
State agencies	1	0	0	1	1	0	0	1
Total	15	0	0	15	15	0	0	15
Summary by state								
Arizona	1	0	0	1	1	0	0	1
California	12	0	0	12	12	0	0	12
Nevada	2	0	0	2	2	0	0	2
Total	15	0	0	15	15	0	0	15

## **Summary by Customer Category**

	2001				2000			
Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities	11	0	0	11	11	0	0	11
State agencies	3	0	0	3	3	0	0	3
Investor-owned utilities	1	0	0	1	1	0	0	1
Total	15	0	0	15	15	0	0	15

## **Power Sales and Revenue**

	FY 2	001	FY 2000		
Customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Municipalities California					
Anaheim	53,582	<i>7</i> 41,329	56,235	707,291	
Azusa	5,154	73,169	5,414	70,241	
Banning	2,073	34,149	2,194	32,910	
Burbank	27,401	377,826	28,745	358,364	
Colton	4,122	56,420	4,322	53,524	
Glendale	73,177	592,271	75,386	559,041	
Los Angeles Dept. of Water and Powe	r 718,280	9,380,152	752,007	8,988,958	
Pasadena	62,898	545,016	64,911	512,379	
Riverside	40,186	554,702	42,175	532,147	
Vernon	28,862	405,887	30,311	385,096	
Subtotal California	1,015,735	12,760,921	1,061,700	12,199,951	
Nevada					
Boulder City	80,001	608,013	80,001	567,339	
Subtotal Nevada	80,001	608,013	80,001	567,339	
Total municipalities	1,095,736	13,368,934	1,141,701	12,767,290	
State agencies					
Arizona					
Arizona Power Authority	1,115,962	10,273,634	1,213,309	10,045,060	
Subtotal Arizona	1,115,962	10,273,634	1,213,309	10,045,060	
California					
Metropolitan Water Dist. of So. Calif.	1,312,866	9,286,066	1,347,947	8,708,384	
Subtotal California	1,312,866	9,286,066	1,347,947	8,708,384	
Nevada					
Colorado River Commission of Nevad	a 1,115,960	10,326,246	1,213,308	10,029,731	
Subtotal Nevada	1,115,960	10,326,246	1,213,308	10,029,731	
Total state agencies	3,544,788	29,885,946	3,774,564	28,783,175	
Investor-owned utilities California					
Southern California Edison Co.	260,397	4,533,654	276,693	4,594,889	
Subtotal California	260,397	4,533,654	276,693	4,594,889	
Total investor-owned utilities	260,397	4,533,654	276,693	4,594,889	
Boulder Canyon Project total 4,900,921		47,788,534	5,192,958	46,145,354	

<sup>&</sup>lt;sup>1</sup> Excess Boulder Canyon Project energy was delivered to Arizona Power Authority and the Colorado River Commission under Schedule C, First Priority. All other Boulder Canyon Project customers received less energy in the same amount as these two customers' excess. The total net amount of excess energy equals zero.

# **Boulder Canyon Project**

Status of Repayment
Cumulative activities as of Sept. 30, 2001
(Dollars in thousands)

	Cumulative 2000 1	Adjustments	Annual 2001	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	1,210,195 4,919	0	62,011 555	1,272,206 5,474
Total operating revenue	1,215,114	0	62,566	1,277,680
Expenses:				
O & M and other	575,745	(2,377) <sup>2</sup>	39,687	613,055
Purchase power and other Interest	11,472		0	11,472
Federally financed	221,023	0	11,879	232,902
Non-Federally financed	129,012	0	7,940	136,952
Total interest	350,035	0	19,819	369,854
Total expense	937,252	(2,377)	59,506	994,381
(Deficit)/Surplus revenue	0	0	0	0
Investment:				
Federally financed power	373,914	0	2,377	376,291
Non-Federally financed power	169,047	0	0	169,047
Nonpower	25,000	0	0	25,000
Total investment	567,961	0	2,377	570,338
Investment repaid:				
Federally financed power	230,630	0	5,074	235,704
Non-Federally financed power	38,504	0	2,826	41,330
Nonpower	141	0	0	141
Total Investment repaid	269,275	0	7,900	277,175
Investment unpaid:				
Federally financed power	143,284	0	(2,697)	140,587
Non-Federally financed power	130,543	0	(2,826)	127,717
Nonpower	24,859	0	0	24,859
Total Investment unpaid	298,686	0	(5,523)	293,163
Fund balances:				
Colorado River Dam	7,587	2,377	(4,840)	5,124
Working Capital	1,000	0	0	1,000
Percent of investment repair	d to date:			
Federal power	61.68%			62.64%
Non-Federal power	22.78%			24.45%
Nonpower	0.56%			0.56%

This column ties to the cumulative FY 2000 numbers on page 66 of the FY 2000 Operations Summary.
 This annual adjustment reflects the different treatment of replacements in the financial statements and the power repayment study.

## Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

		2000			1999	
Assets	Western	Reclamation	Total	Western	Reclamation	Total
Utility plant:						
Completed plant	\$ 32,739	367,754	400,493	\$ 32,739	368,234	400,973
Accumulated depreciation	(9,124)	(123,464)	(132,588)	(8,000)	(120,312)	(128,312)
Net utility plant	23,615	244,290	267,905	24,739	247,922	272,661
Cash	(230)	18,237	18,007	206	14,001	14,207
Accounts receivable	4,279	312	4,591	3,953	342	4,295
Other assets	1,393	10,605	11,998	2,876	8,990	11,866
Total assets	29,057	273,444	302,501	31,774	271,255	303,029
Federal investment and liabiliti Federal investment: Congressional appropriations Interest on Federal investment Transfer of property & services, net	58,370 0 125,478	579,292 265,969 (124,482)	637,662 265,969 996	58,214 0 122,881	578,282 254,002 (122,881)	636,496 254,002 0
Gross Federal investment Funds returned to U.S. Treasury	183,848 (101,491)	720,779 (613,416)	904,627 (714,907)	181,095 (101,490)	709,403 (598,432)	890,498 (699,922)
Net outstanding Federal investment Accumulated net revenues/(deficit)	82,357 (55,523)	107,363 21,615	189,720 (33,908)	79,605 (49,882)	110,971 14,977	190,576 (34,905)
<b>Total Federal investment</b>	26,834	128,978	155,812	29,723	125,948	155,671
Commitments and contingencies <b>Liabilities:</b>						
Accounts payable	397	393	790	590	150	740
Other liabilities	1,826	144,073	145,899	1,461	145,157	146,618
Total liabilities	2,223	144,466	146,689	2,051	145,307	147,358
<b>Total Federal investment &amp; liabilities</b>	\$ 29,057	273,444	302,501	\$ 31,774	271,255	303,029

## Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000 and 1999 (in thousands)

2000			1999			
Western	Reclamation	Total	Western	Reclamation	Total	
\$ 46,147	0	46,147	\$ 48,867	0	48,867	
57	12,793	12,850	62	11,000	11,062	
46,204	12,793	58,997	48,929	11,000	59,929	
(46,079)	47,983	1,904	(48,463)	49,845	1,382	
125	60,776	60,901	466	60,845	61,311	
3,938	22,322	26,260	3,603	22,430	26,033	
668	8,092	8,760	828	6,905	7,733	
1,124	3,611	4,735	(244)	39,289	39,045	
5,730	34,025	39,755	4,187	68,624	72,811	
(5,605)	26,751	21,146	(3,721)	(7,779)	(11,500)	
36	20,113	20,149	37	20,590	20,627	
0	0	0	0	0	0	
36	20,113	20,149	37	20,590	20,627	
(5,641)	6,638	997	(3,758)	(28,369)	(32,127)	
(49,882)	14,977	(34,905)	(46,124)	43,346	(2,778)	
\$ (55,523)	21,615	(33,908)	\$ (49,882)	14,977	(34,905)	
	\$ 46,147 57 46,204 (46,079) 125 3,938 668 1,124 5,730 (5,605) 36 0 36 (5,641) (49,882)	Western         Reclamation           \$ 46,147         0           57         12,793           46,204         12,793           (46,079)         47,983           125         60,776           3,938         22,322           668         8,092           1,124         3,611           5,730         34,025           (5,605)         26,751           36         20,113           0         0           36         20,113           (5,641)         6,638           (49,882)         14,977	Western         Reclamation         Total           \$ 46,147         0         46,147           57         12,793         12,850           46,204         12,793         58,997           (46,079)         47,983         1,904           125         60,776         60,901           3,938         22,322         26,260           668         8,092         8,760           1,124         3,611         4,735           5,730         34,025         39,755           (5,605)         26,751         21,146           0         0         0           36         20,113         20,149           0         0         0           36         20,113         20,149           (5,641)         6,638         997           (49,882)         14,977         (34,905)	Western         Reclamation         Total         Western           \$ 46,147         0         46,147         \$ 48,867           57         12,793         12,850         62           46,204         12,793         58,997         48,929           (46,079)         47,983         1,904         (48,463)           125         60,776         60,901         466           3,938         22,322         26,260         3,603           668         8,092         8,760         828           1,124         3,611         4,735         (244)           5,730         34,025         39,755         4,187           (5,605)         26,751         21,146         (3,721)           36         20,113         20,149         37           0         0         0         0           36         20,113         20,149         37           (5,641)         6,638         997         (3,758)           (49,882)         14,977         (34,905)         (46,124)	Western         Reclamation         Total         Western         Reclamation           \$ 46,147         0         46,147         \$ 48,867         0           57         12,793         12,850         62         11,000           46,204         12,793         58,997         48,929         11,000           (46,079)         47,983         1,904         (48,463)         49,845           125         60,776         60,901         466         60,845           3,938         22,322         26,260         3,603         22,430           668         8,092         8,760         828         6,905           1,124         3,611         4,735         (244)         39,289           5,730         34,025         39,755         4,187         68,624           (5,605)         26,751         21,146         (3,721)         (7,779)           36         20,113         20,149         37         20,590           0         0         0         0         0           36         20,113         20,149         37         20,590           (5,641)         6,638         997         (3,758)         (28,369) <td< td=""></td<>	

# **Central Valley Project**

he Central Valley Project in California's Central Valley has 18 dams that create reservoirs with a total storage capacity of 14 million acre-feet. Two years after the project was authorized in 1937, construction began on 615 miles of canals, five pumping plants and 10 power-plants, consisting of 38 hydroelectric generating units. Irrigation aspects of the Central Valley Project cover an area 400 miles long by 45 miles wide, comprising almost one-third of California.

The generating units have an installed capacity of 2,053 MW and, after satisfying the project's irrigation pumping needs, provide the yearly electrical needs for 650,000 people. The Central Valley Project includes 856 circuit miles of high-voltage transmission lines. This does not include 94 miles of 500-kV line from Malin Substation (Oregon) to Round Mountain (California). In addition to the CVP lines, Western operates and maintains the California-Oregon Transmission Project, a 354-mile 500-kV line running from Captain Jack Substation near Malin to Tesla (California). We have transmission capacity rights to the COTP. Western also has an entitlement to 400 MW of capacity on the northern segment of the Pacific Northwest-Southwest Intertie Project.

In FY 2001, the inflow to the four major CVP reservoirs (Trinity, Folsom, New Melones and Shasta) was 6.8 million acre-feet, about 63 percent of the long-term average of 10.8 million acre-feet. As of Sept. 30, 2001, the combined storage of these four facilities was 5.5 million acre-feet, about the same as last year at this time. Net generation totaled 4.2 billion kWh, which is about 90 percent of the preceding 15-year average.

Allocations made through power marketing plans for the Central Valley Project govern power sales. All of these power contracts terminate by Dec. 31, 2004. Current agreements call for Western to furnish customers up to a simultaneous peak of 1,152 MW with the associated energy based on each customer's system load factor. Western purchases additional power to supplement Central Valley Project generation to meet these contractual obligations.

Western's requirements to support generation through power purchases increased from 5.1 billion kWh in FY 2000 to 6.1 billion kWh in FY 2001.

Fiscal Year 2001 firm power sales totaled 8.1 billion kWh and \$158 million, not including project use sales. These sales were made to: municipalities (49.8 percent), public utility districts (29 percent), Federal (12.3 percent) and others (8.9 percent). About 68 percent of all the Central Valley Project's power in FY 2001 was sold to five customers: Sacramento Municipal Utility District, the Bay Area cities of Palo Alto and Santa Clara (Silicon Valley Power) and the cities of Redding and Roseville.

The commercial firm power rates contained in Rate Schedule CV-F10 became effective on April 1, 2001. The Federal Energy Regulatory Commission approved them on Aug. 14, 2001. The April 1, 2001 resulting composite rate under Rate Schedule CV-F10 of 20.08 mills/kWh is about 8 percent higher than the rate of 18.56 mills/kWh, which it superceded under Rate Schedule CV-F9.

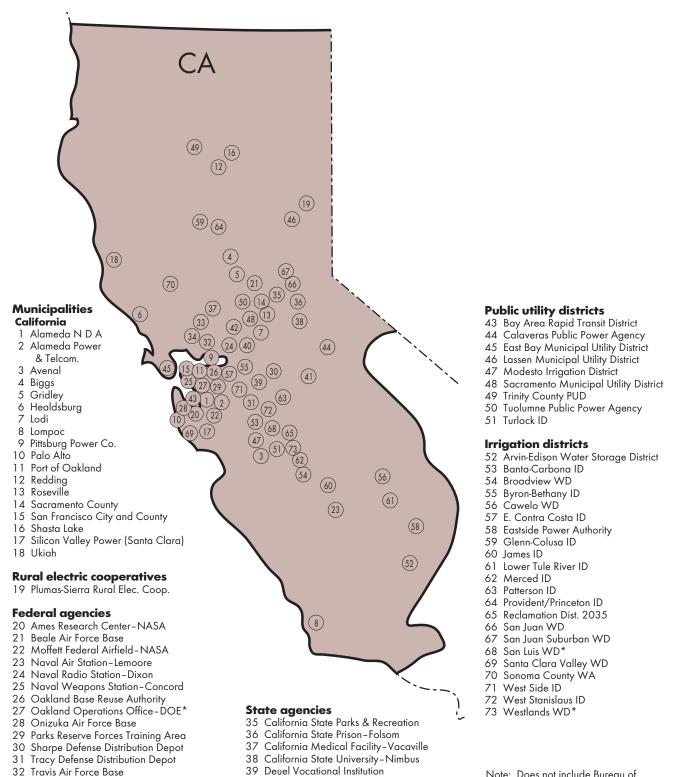
## **Central Valley Project**

33 Travis Air Force Base-Wherry Housing

34 Travis Air Force Base-David Grant

Medical Center

## Firm Power Customers and Marketing Area



40 No. Calif. Youth Center

41 Sierra Conservation Center

42 University of California-Davis

Note: Does not include Bureau of Reclamation customers

Multiple delivery points

## **Energy Resource and Disposition**

		(GWh)
	FY 2001	FY 2000
<b>Energy resources</b> Net generation	4,175	5,722 1
Interchange Received Delivered Net	70 (147) (77)	 
Purchases NonWestern	6,083	5,120
Total purchases  Total energy resources	6,083 <b>10,181</b>	5,120 <b>10,842</b>
Energy disposition Sales of electric energy Western sales Project use sales	8,5 <i>47</i> 1,158	9,337 1,491
Total energy sales	9,705	10,828
<b>Total energy delivered</b> System and contractual losses	<b>9,705</b> 476	<b>10,828</b>
Total energy disposition	10,181	10,842

<sup>&</sup>lt;sup>1</sup> Reduced by Gianelli and O'Neill generation (120 GWh), which is offset against project use sales.

### **Transmission Lines**

	Cali	fornia	То	tals
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000
230-kV				
Circuit miles	806.84	802.84	806.84	802.84
Circuit kilometers	1,298.21	1,291. <i>77</i>	1,298.21	1,291. <i>77</i>
Acres	9,239.54	12,185.20	9,239.54	12,185.20
Hectares	3 <i>,7</i> 40.71	4,933.29	3,740.71	4,933.29
115-kV				
Circuit miles	7.37	7.37	7.37	7.37
Circuit kilometers	11.86	11.86	11.86	11.86
Acres	<i>7</i> .25	7.25	7.25	7.25
Hectares	2.94	2.94	2.94	2.94
69-kV and below	,			
Circuit miles	42.05	42.05	42.05	42.05
Circuit kilometers	67.66	67.66	67.66	67.66
Acres	321.73	177.03	321.73	177.03
Hectares	130.26	71.67	130.26	71.67
Totals				
Circuit miles	856.26	852.26	856.26	852.26
Circuit kilometers	1,377.72	1,371.29	1,377.72	1,371.29
Acres	9,568.52	12,362.23	9,568.52	12,362.23
Hectares	3,873.90	5,004.96	3,873.90	5,004.96

### **Facilities and Substations**

	FY 2001	FY 2000		FY 2001	FY 2000
Substations			Land (fee)		
Number of substations	16	15	Acres	350.21	343.83
Number of transformers	16	16	Hectares	141.79	139.20
Number of italisionners	10	10			
Transformer capacity (kVA)	2,162,216	2,162,216	<b>Buildings and communications</b>	sites	
			Number of buildings	39	38
			Number of communication sites	1 <i>7</i>	1 <i>7</i>

## **Powerplants**

•			Initial	Existing	Installed	Ad	tual		
Project/state/	Operating		in-service	number	capability <sup>1</sup>	operating co	pability (MW)	Net genera	tion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
California									
J.F. Carr	Reclamation	Clear Creek Tunnel	May 63	2	154	154	140	362	597
Folsom	Reclamation	American	May 55	3	215	116	189	362	582
Keswick	Reclamation	Sacramento	Oct 49	3	105	85	80	399	478
New Melones	Reclamation	Stanislaus	Jun 79	2	383	180	370	370	484
Nimbus	Reclamation	American	May 55	2	14	7	8	47	67
O'Neill <sup>3</sup>	Reclamation	San Luis Creek	Dec 67	6	29	2	1	6	9
Shasta	Reclamation	Sacramento	Jun 44	7	629 <sup>4</sup>	620	620	1,763	2,083
Spring Creek	Reclamation	Spring Creek Tunnel	Feb 64	2	200	180	180	388	759
Trinity	Reclamation	Trinity	Feb 64	3	140 <sup>5</sup>	130	130	385	673
W.R. Gianelli <sup>3</sup>	CDWR	San Luis Creek	Mar 68	8	202 6	96	122	92	111
Central Valley to	tal			38	2.071	1.570	1.840	4.175	5.842

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

 $\label{eq:Reclamation} \mbox{Reclamation} - \mbox{Bureau of Reclamation}, \mbox{Department of the Interior} \\ \mbox{CDWR} - \mbox{California Department of Water Resources}$ 

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities, such as project pumping energy.

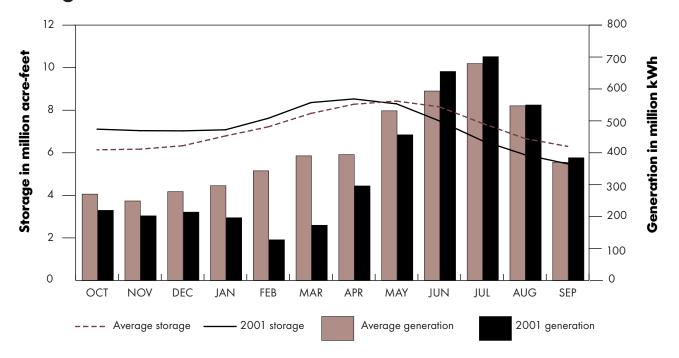
<sup>&</sup>lt;sup>3</sup> Pump/generating plant.

<sup>4</sup> Prior-year data is restated to correct the installed capability of the plant.

<sup>&</sup>lt;sup>5</sup> Includes 0.35 MW at Lewiston Powerplant.

<sup>&</sup>lt;sup>6</sup> Federal share of 424 MW capability.

## **Storage and Generation**



(Includes Trinity, Shasta, Folsom and New Melones)

### **Firm Power Rate Provisions**

	Rate	Capacity charge	Energy charge		Annual
Fiscal	schedule	(\$/kW of	not in excess of	Effective	composite
year	designation	billing demand)	delivery obligations	date	rate
2001	CV-F10	3 11	14.01	4/1/2001	20.08 mills/k\\/h

## **Transmission and Ancillary Services Rate Provisions**

Fiscal year	Rate schedule designation	Rate
2001	CV-FT4, Firm Transmission Service	\$0.70 kW-mo, formula rate
	CV-NFT4, Nonfirm Transmission Service	1 mill/kWh
	CV-TPT5, Third Party Transmission	Pass-through cost
	CV-NWT2, Network Transmission Service	Formula rate
	CV-SPR2, Spinning Reserve Service	\$2.946 kW/mo.
	CV-SUR2, Supplemental Reserve Service	\$2.491 kW/mo.
	CV-RFS2, Regulation and Frequency Response Service	\$2.496 kW/mo.
	CV-EID2, Energy Imbalance Service	Within deviation limits: Accumulated deviations (in MW units) are to be corrected or eliminated within 30 days. Any net deviations that are accumulated at the end of the month (positive or negative) are to be exchanged with like hours of energy or charged at the effective composite rate for CVP firm power.  Outside deviation limits: (i)Positive deviations—the greater of no charge, or any additional cost incurred. (ii)Negative deviations—during on-peak hours, the greater of three times the rate for CVP firm power or any additional cost incurred. During off-peak hours, the greater of the rate for CVP firm power or any additional cost incurred.
	CV-SCS1, Scheduling Coordinator Service CV-PSS2, Power Scheduling Service	\$76.65/hr \$76.65/hr

## **Marketing Plan Summary**

 Project
 Expiration date

 Central Valley
 Dec. 31, 2004

## **Rate Actions Summary**

Rate order no.	Project	Type of rate action	Date of notice of public participation	Rate schedule designation	effective date of rate (first day of first full billing period)	Projected annual incremental \$(000)	Notes	Date submitted to FERC
WAPA-95	Central Valley Project	Power and transmission rate increase	11/8/00	CV-F10 CV-FT4 CV-NT4 CV-SPR2 CV-SUR2 CV-RFS2	4/01/01	82,783 1	Power transmission, revenues included in Nonfirm transmission Spinning Reserve Serv Supplemental Reserve Regulation and Frequ Response Service <sup>2</sup>	2' vice <sup>2</sup> e Service <sup>2</sup>
				CV-EID2 CV-NWT2 CV-SCS1 CV-PSS2			Energy Imbalance Se Network Transmission Scheduling Coordinat Power Scheduling Ser	Service <sup>2</sup> for Service

 $<sup>^{</sup>m 1}$  This is the annual average revenue increase over the rate case period for CVP power and transmission.

## Firm and Nonfirm Sales by Customer Category

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Municipalities						
Energy sales - MWh	4,047,813	224,763	4,272,576	4,040,024	473,969	4,513,993
Revenues - \$	<i>74,7</i> 69,126	4,234,801	79,003,927	62,453,101	10,367,957	72,821,058
Cooperatives						
Energy sales - MWh	128,909	167	129,076	114,878	13,548	128,426
Revenues - \$	2,365,549	3,717	2,369,266	1,822,057	299,823	2,121,880
Federal agencies						
Energy sales - MWh	1,001,691	0	1,001,691	1,327,627	0	1,327,627
Revenues - \$	22,547,038	0	22,547,038	21,627,690	0	21,627,690
State agencies						
Energy sales - MWh	199,319	0	199,319	215,532	0	215,532
Revenues - \$	3,797,025	0	3,797,025	3,683,716	0	3,683,716
Public utility districts						
Energy sales - MWh	2,359,797	185,345	2,545,142	2,423,273	352,570	2,775,843
Revenues - \$	46,212,186	3,794,940	50,007,125	39,867,933	6,380,169	46,248,102
Irrigation districts						
Energy sales - MWh	395,261	3,709	398,970	364,409	11,393	375,801
Revenues - \$	8,326,417	82,372	8,408,790	6,439,703	253,022	6,692,725
Total 1						
Energy sales - MWh	8,132,790	413,984	8,546,774	8,485,742	851,480	9,337,222
Revenues - \$	158,017,342	8,115,830	166,133,172	135,894,199	17,300,970	153,195,170

<sup>1</sup> Excludes energy sales and power revenues to interdepartmental and Bureau of Reclamation customers because these power rates are not based on firm or nonfirm power rates.

Revenue from ancillary services and nonfirm transmission was not projected in the rate case as these are sold on an "as available" basis.

<sup>&</sup>lt;sup>3</sup> The revenue for the power rates include the transmission revenue.

## Firm and Nonfirm Sales by State

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
California						
Energy sales - MWh	8,132,790	413,984	8,546,774	8,485,742	851,480	9,337,222
Power revenues - \$	158,017,342	8,115,830	166,133,172	135,894,199	17,300,970	153,195,170
Total						
Energy sales - MWh	8,132,790	413,984	8,546,774	8,485,742	851,480	9,337,222
Power revenues - \$	158,017,342	8,115,830	166,133,172	135,894,199	17,300,970	153,195,170

## Sales by State and Customer Category

		FY 2001	FY 2000		
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
California					
Municipalities	4,272,576	79,003,927	4,513,993	<i>7</i> 2,821,058	
Cooperatives	129,076	2,369,266	128,426	2,121,880	
Federal agencies	1,001,691	22,547,038	1,327,627	21,627,690	
State agencies	199,319	3,797,025	215,532	3,683,716	
Public utility districts	2,545,142	50,007,125	2,775,843	46,248,102	
Irrigation districts	398,970	8,408,790	375,801	6,692,725	
Total California	8,546,774	166,133,172	9,337,222	153,195,170	
Project use sales	1,158,361	11,859,984	1,490,715	9,151,989	
Total	9,705,136	177,993,156	10,827,937	162,347,159	

## Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Sacramento Municipal Utility District	2,052,412	25
2	Silicon Valley Power	1,415,947	17
3	Palo Alto	992,008	12
4	Roseville	570,919	7
5	Redding	564,482	7
To	tal	5,595,768	68

# Top 5 Customers in Firm Power Revenue

Rank	Customer	(\$)	Percent of firm revenue
1	Sacramento Municipal Utility District	40,090,662	25
2	Silicon Valley Power	26,188,142	17
3	Palo Alto	18,544,573	12
4	Redding	10,567,302	7
5	Roseville	10,121,737	6
То	tal	105,512,415	67

## **Top 5 Customers in Nonfirm Energy Sales**

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Sacramento Municipal Utility District	185,299	45
2	Silicon Valley Power	51,010	12
3	Palo Alto	46,305	11
4	Roseville	43,282	10
5	Redding	42,733	10
Tot	al	368,629	88

# Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	(\$)	nonfirm sales
1	Sacramento Municipal Utility District	3,793,920	47
2	Silicon Valley Power	971,894	12
3	Palo Alto	880,190	11
4	Roseville	806,947	10
5	Redding	803,819	10
Tot	al	7,256,770	90

## **Purchased Power**

	FY 2	001	FY 2	2000
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)
NonWestern suppliers				
American Electric Power	3,025	2,603	2,000	209
California Department of Water Resources	0	0	5,280	185
California Power Exchange	0	0	6,600	316 <sup>1</sup>
Citizens Power Sales	21,600	1,798 <sup>1</sup>	20,400	2,140 <sup>1</sup>
DOE Labs	15,201	2,842	0	0
Dynegy Power Marketing, Inc.	6,825	627	1,600	174
El Paso Merchant Energy, L.P.	10,800	973	6,400	531
Enron Power Marketing, Inc.	63,845	10,000	316, <i>47</i> 6	24,962
Lassen Municipal Utility District	1,234	210	0	0
Ames Research Center – NASA	0	798	0	0
Northern California Power Agency	3,490	100	1,200	138
PacifiCorp	159,868	11,338 <sup>1</sup>	694,790	28,885 <sup>1</sup>
Pacific Gas & Electric Company	5,737,229	94,432	3,930,110	<i>57,</i> 780
PG&E Energy Trading, L.P.	7,000	664	0	0
Powerex Exchange Corp.	0	0	34,925	1,056
Puget Sound Power	5,400	494	0	0
Redding, Calif.	0	204	72,324	1,555
Sacramento Municipal Utility District	12,000	1,407	0	1
Sempra Energy Trading	3,200	352	0	0
Shasta Lake, Calif.	149	33	0	0
Sierra Pacific Power	0	0	16,997	232
Silicon Valley Power	0	0	11,382	932
Mirant	22,350	1,938	0	0
TransAlta	9,600	245	0	0
Total Central Valley Project	6,082,816	131,058	5,120,484	119,096

<sup>&</sup>lt;sup>1</sup> Excludes pass-through purchases.

## **Purchased Transmission**

Supplier	FY 2001 Costs (\$000)	FY 2000 Costs (\$000)
NonWestern suppliers		
PacifiCorp	378	1,825
Pacific Gas and Electric Company	28,523	16,703
Sacramento Municipal Utility District	1,101	222
Transmission Agency of Northern California	634	482
Total Central Valley Project	30,636	19,232

## **Customers by State and Customer Category**

	FY 2001				FY 2000			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
California								
Municipalities	7	11	0	18	6	12	0	18
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	15	0	0	15	17	0	0	17
State agencies	8	0	0	8	8	0	0	8
Public utility districts	8	2	0	10	4	5	0	9
Irrigation district	23	1	0	24	23	1	0	24
Total	61	15	0	76	58	19	0	77
Summary by S	State	•						
California	61	15	0	76	58	19	0	77
Total	61	15	0	76	58	19	0	77
Summary by (	Custo	mer	Cate	gory				
Municipalities	7	11	0	18	6	12	0	18
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	15	0	0	15	1 <i>7</i>	0	0	17
State agencies	8	0	0	8	8	0	0	8
Public utility districts	8	2	0	10	4	5	0	9
Irrigation district	23	1	0	24	23	1	0	24
Subtotal	61	15	0	76	58	19	0	77
Project use sales	34	0	0	34	34	0	0	34
Total Western	95	15	0	110	92	19	0	111

## **Transmission Revenue**

Transmission service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Long-term firm point-to-point	5,598,158	4,372,609
Nonfirm point-to-point	138,855	0
Short-term firm point-to-point	1,989,875	1,925,104
Total	7,726,888	6,297,713

## **Ancillary Services Revenue**

Ancillary service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Scheduling and dispatch service	204,066	254,454
Regulation and frequency response	92,036	83,339
Energy imbalance service	9,893	10,203
Operating reserves – spinning	134,496	59,374
Total	440,490	407,370

# Power Sales and Revenue Contract rate

•	of delivery	FY 2001		FY 2000		
Customer	Annual (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Municipalities						
California						
Alameda NDA	6,000	36,732	709,106	36,867	613,192	
Alameda Power & Tel	16,040	170,615	3,067,842	209,712	3,454,426	
Avenal	622	3,336	69,045	4,009	68,271	
Biggs	4,200	4,172	<i>7</i> 4,860	6,746	116,669	
Gridley	9,400	28,755	528,776	30,175	519,580	
Healdsburg	2,419	20,013	359,369	33,079	582,823	
Lodi	9,449	<i>77</i> ,416	1,389,728	109,295	1,814,272	
Lompoc	3,715	31,193	557,943	51,281	895,240	
Oakland Base Reuse Authority	2,000	8,285	163 <i>,7</i> 40	1,416	27,363	
Pittsburg Power Company	5,000	18,754	393,603	18,643	354,834	
Port of Oakland	7,600	9, <i>7</i> 61	232,783	5,631	144,671	
Palo Alto	175,000	1,038,313	19,424,763	1,110,943	1 <i>7</i> ,972,511	
Redding	106,000	607,215	11,371,122	642,561	11,472,512	
Roseville	69,000	614,201	10,928,684	592,889	9,616,564	
San Francisco City & County	2,600	15,663	291,858	13,8 <i>57</i>	235,791	
Silicon Valley Power	216,532	1,466,957	<i>27</i> ,160,036	1,501,301	22,314,611	
Shasta Lake	11,450	63,797	1,260,014	66,381	1,278,028	
Ukiah	6,962	57,398	1,020,654	79,208	1,339,699	
Total municipalities		4,272,576	79,003,927	4,513,993	72,821,058	
Rural electric cooperatives						
California Plumas-Sierra Rural Elec. Coop	25,000	120.076	2 240 244	120 424	2 121 000	
•	25,000	129,076	2,369,266	128,426	2,121,880	
otal electric cooperatives		129,076	2,369,266	128,426	2,121,880	
Federal agencies						
California						
Ames Research Center–NASA	80,000	143,030	5,024,433	150,148	4,995,545	
Beale Air Force Base	21,575	112,436	2,214,319	115,741	2,043,076	
AFB Conversion Agency/DM	0	26,049	1,383,505	76,812	1,344,958	
Moffett Federal Airfield-NASA	5,009	21,499	406,352	23,276	388,267	
Naval Air Station – Lemore	20,275	88,068	1,711,891	87,547	1,517,302	
Naval Comm. Station – Stockton	0	0	0	1,628	32,084	
Naval Radio Station – Dixon	915	3,825	73,739	4,015	68,564	
Naval Weapons Station – Concord	2,398	7,890	153,258	9,038	163,290	
Oakland Army Base 1	0	0	0	6,076	110,622	
Oakland Operations Office – DOE	77,614	432,678	8,361,709	504,936	7,861,738	
Onizuka Air Force Base	500	27,553	495,579	34,193	543,919	
Parks Reserve Forces Trng. Area	500	3,055	59,430	2,464	44,214	
Sharpe Defense Distribution Depot	0	19,187	375,161	189,601	337,702	
Tracy Defense Distribution Depot	4,300	20,300	425,358	19,132	370,380	
Travis AFB – David Grant Medical Ce		15,944	300,078	22,807	394,417	
Travis Air Force Base	12,651	74,166	1,434,110	73,839	1,286,884	
Travis Wherry Housing – Air Force	1,400	6,011	128,116	6,376	124,728	
Total Federal agencies		1,001,691	22,547,038	1,327,627	21,627,690	
State agencies California						
California State Parks & Recreation	100	176	4,556	208	1 171	
California State Prison — Folsom					4,474	
	2,300	13,257	265,043	13,256	238,235	
California Medical Facility – Vacaville		10,438	203,322	10,773	186,172	
Calif. State Univ. Sacramento — Nimbu		83	1,984	79	1,760	
Devel Vocational Institute	1,700 1,700	9,941 10,582	198,287	9,943	177,916	
Northern California Youth Center	1,700	10,582	209,187	12,158	210,930	
Sierra Conservation Center University of California – Davis	3,000 14,682	11,634 143,208	222,206 2,692,440	12,210 156,904	205,633 2,658,596	
Total state agencies	,	199,319	3,797,025	215,532	3,683,716	
ioiai sidie ageilaes		177,017	0,7 77,023	213,332	0,000,71	

### Power Sales and Revenue, continued

Contract rate of delivery **FY 2000** Energy (MWh) Customer Annual (kW) Revenue (\$) **Energy (MWh)** Revenue (\$) **Public utility districts California** Bay Area Rapid Transit 4,000 18,661 402,656 17,501 365,597 Calaveras Public Power Agency 9.000 25.338 567,198 24.932 509.262 East Bay MUD 1,471 25,834 478,270 34,403 562,918 Lassen MUD 13,000 56,840 1,105,401 119,226 2,032,698 8,005 Modesto ID 46,786 887,538 69,799 1,161,137 16,000 6,178 County of Sacramento 141,605 0 0 Sacramento MUD 361,000 2,237,711 43,884,582 2,364,111 38,949,927 Trinity County PUD 17,750 1,607,849 82,608 1,428,952 82,627 Tuolumne Public Power Agency 8,000 26,595 590,366 26,762 544,457 Turlock ID 3,119 693,154 18,572 341,660 36,500 **Total public utilities districts** 2,545,142 50,007,125 2,775,842 46,248,102 Irrigation districts California 30,000 Arvin-Edison WD 144,580 3,127,302 111 868 2,055,013 Banta-Carbona ID 3,700 10,432 216,856 10,944 192,593 Broadview WD 500 802 21,032 853 19,235 Byron-Bethany ID 2,200 3,696 88,014 4,324 86,765 500 Cawelo WD 7,201 152,038 13,393 240,406 East Contra Costa ID 2,500 4,618 105,617 2,466 51,258 Eastside Power Authority <sup>2</sup> 3,792 26,839 524,366 31,321 579,374 Glenn-Colusa ID 3,343 9,930 199,641 8,527 149,885 lames ID 823 2,703 57,099 3,250 61,460 Kern-Tulare WD <sup>2</sup> 32,376 0 0 0 970 Lower Tule River ID 1,471 1,774 41,019 7,948 144,522 Merced Irrigation District 5,000 17,055 356,438 16,564 300,437 Patterson WD 2,000 4,913 104,722 4,589 82,515 Provident ID 750 3,308 66,778 2,389 47.025 Rag Gulch WD <sup>2</sup> 496 15,586 0 0 0 Reclamation District 2035 1,600 4,223 87,977 3,748 72,588 San Juan Suburban WD 1,000 5,410 218,622 1,973 42,098

1

5.140

26,186

12,921

101,840

1,531

3,531

398,970

8,546,774

1,158,361

9,705,135

335

135

100.007

518,955

277,244

38,915

9.984

76,259 **8,408,790** 

166,133,172

11,859,984

177,993,156

2,019,765

0

0

5.985

31,953

13,173

94,120

1,149

3,797

375,801

9,337,222

1,490,715

10,827,937

0

140

102.115

580,544

240,798

1,497,415

28,980

69,294

6,692,725

9,151,989

153,195,170

162,347,159

302

 $\label{eq:Note:Due} \textbf{Note: Due to rounding, certain nonfirm sales may reflect revenue without displaying any energy sold.}$ 

3,250

3,400

1,500

5,200

42,436

1,850

3,200

2,000

823

San Luis WD - Fittje

San Luis WD - Kaljian

Santa Clara Valley WD

Westlands WD Assumed Pt. Del.

**Central Valley Project subtotal** 

Westlands WD Pumping Plant # 6-1

Westlands WD Pumping Plant # 7-1

Sonoma County WA

West Stanislaus ID

**Total irrigation districts** 

**Central Valley Project total** 

West Side ID

Project use sales

No longer customers.

<sup>&</sup>lt;sup>2</sup> Kern-Tulare and Rag Gulch WD joined Eastside Power Authority in FY 2000.

# **Central Valley Project**

Status of Repayment
Cumulative activities as of Sept. 30, 2001
(Dollars in thousands)

	Cumulative 2000 1	Adjustments	<b>Annual 2001</b> <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	4,620,100 162	20,000 <sup>2</sup>	210,839	4,850,939 162
Total operating revenue	4,620,262	20,000	210,839	4,851,101
Expenses:				
O & M and other	<i>7</i> 19,571	0	60,352	779,923
Purchase power and other Interest	3,184,050	0	166,968	3,351,018
Federally financed	351,533	0	6,609	358,142
Non-Federally financed	0	0	0	0
Total interest	351,533	0	6,609	358,142
Total expense	4,255,154	0	233,929	4,489,083
(Deficit)/Surplus revenue	0	20,000	(23,090)	(3,090)
Investment:				
Federally financed power	558,510	0	0	558,510
Non-Federally financed power	0	0	0	0
Nonpower	65,710	0	0	65,710
Total investment	624,220	0	0	624,220
Investment repaid:				
Federally financed power	365,108	0	0	365,108
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	365,108	0	0	365,108
Investment unpaid:				
Federally financed power	193,402	0	0	193,402
Non-Federally financed power	0	0	0	0
Nonpower	65,710	0	0	65,710
Total Investment unpaid	259,112	0	0	259,112
Percent of investment repair	d to date:			
Federal •	65.37%			65.37%
Non-Federal	N/A			N/A
Nonpower	0.00%			0.00%

This column ties to the cumulative 2000 number from the FY 2000 Status of Repayment.
 Revenues are adjusted for the FY 01 RAC surcharge of \$20 million, which will be calculated in FY 2002.
 This column excludes the final FY 2001 Revenue Adjustment Clause revenues.

## Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

		2000			1999	
Assets	Western	Reclamation	Total	Western	Reclamation	Total
Utility plant:						
Completed plant	\$ 204,482	392,904	597,386	\$ 200,311	351,529	551,840
Accumulated depreciation	(61,909)	(187,814)	(249,723)	(56,261)	(182,150)	(238,411)
	142,573	205,090	347,663	144,050	169,379	313,429
Construction work in progress	7,821	4,396	12,217	10,859	25,964	36,823
Net utility plant	150,394	209,486	359,880	154,909	195,343	350,252
Cash	43,062	12,243	55,305	63,637	7,986	71,623
Accounts receivable	11,179	0	11,179	24,963	0	24,963
Other assets	11,101	5,151	16,252	9,797	4,997	14,794
Total assets	215,736	226,880	442,616	253,306	208,326	461,632
Congressional appropriations Interest on Federal investment Transfer of property & services, net Gross Federal investment	1,635,335 152,592 595,688 2,383,615	886,480 271,020 (454,418) 703,082	2,521,815 423,612 141,270 3,086,697	1,585,484 148,398 573,710 2,307,592	795,585 256,679 (389,127) 663,137	2,381,069 405,077 184,583 2,970,729
Funds returned to U.S. Treasury	(2,256,463)	(493,235)	(2,749,698)	(2,166,223)	(493,234)	(2,659,457)
Net outstanding Federal investment Accumulated net revenues/(deficit)	127,152 54,285	209,8 <i>47</i> 11,516	336,999 65,801	141,369 <i>7</i> 4,326	169,903 35,824	311,2 <i>7</i> 2 110,150
Total Federal investment	181,437	221,363	402,800	215,695	205,727	421,422
Commitments and contingencies <b>Liabilities:</b>						
Accounts payable	24,296	2,862	<i>27</i> ,158	29,549	1,405	30,954
Other liabilities	10,003	2,655	12,658	8,062	1,194	9,256
Total liabilities	34,299	5,517	39,816	37,611	2,599	40,210
<b>Total Federal investment &amp; liabilities</b>	\$ 215,736	226,880	442,616	\$ 253,306	208,326	461,632

## Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000 and 1999 (in thousands)

	2000				1999	
	Western	Reclamation	Total	Western	Reclamation	Total
Operating revenues:						
Sales of electric power	\$ 153,409	0	153,409	\$ 158,963	0	158,963
Other operating income	31,509	(28)	31,481	29,917	11	29,928
Gross operating revenues	184,918	(28)	184,890	188,880	11	188,891
Income transfers, net	(31,205)	31,205	0	(27,486)	27,486	0
Total operating revenues	153,713	31,177	184,890	161,394	27,497	188,891
Operating expenses:						
Operation and maintenance	19,465	45,744	65,209	17,695	16,664	34,359
Administration and general	6,619	0	6,619	5,324	7	5,331
Purchased power	119 <i>,7</i> 62	0	119 <i>,7</i> 62	101 <i>,77</i> 8	0	101 <i>,77</i> 8
Purchased transmission services	18,850	0	18,850	24,320	0	24,320
Depreciation	5,647	5,769	11,416	(7,233)	5,103	(2,130)
Total operating expenses	170,343	51,513	221,856	141,884	21,774	163,658
Net operating revenues/(deficit)	(16,630)	(20,336)	(36,966)	19,510	5,723	25,233
Interest on Federal investment:						
Interest on Federal investment	4,194	14,072	18,266	4,816	3,757	8,573
Allowance for funds used						
during construction	(783)	(10,100)	(10,883)	(946)	(2,965)	(3,911)
Net interest expense	3,411	3,972	7,383	3,870	792	4,662
Net revenues/(deficit)	(20,041)	(24,308)	(44,349)	15,640	4,931	20,571
Accumulated net revenues:						
Balance beginning of year	74,326	35,824	110,150	58,686	30,893	89,579
Balance end of year	\$ 54,285	11,516	65,801	\$ 74,326	35,824	110,150

# **Loveland Area Projects**

estern's post-1989 power marketing plan operationally and contractually integrated the Fryingpan-Arkansas Project and the Pick-Sloan Missouri Basin Program-Western Division into the Loveland Area Projects for marketing and rate-setting purposes in 1990.

Our Rocky Mountain Region administers this program. LAP power is marketed to 40 firm power customers in the RM service area. Fifty-three percent of LAP power is sold in Colorado, with the remaining power sold in Kansas, Nebraska and Wyoming. The LAP revenue requirement for the firm power rate is determined by combining Fry-Ark and Western Division revenue requirements. A single LAP rate design is developed using this revenue requirement. In FY 2000, the LAP firm power rate, Rate Schedule L-F4, was extended through Sept. 30, 2003.

Fry-Ark and Western Division financial and repayment responsibilities remain separate. Pick-Sloan financial statements contain information that reflects costs from both the Eastern and Western divisions and the generating agencies (Bureau of Reclamation and U.S. Army Corps of Engineers). Western Division is allocated a portion of those costs. Fry-Ark financial statements contain only information for Fry-Ark.

Firm power contracts require Western to furnish a specific amount of capacity and energy each month for the contract term. LAP firm energy is marketed on long-term average generation, rather than customer load factors. As a result of implementing the Energy Planning and Management Program in FY 1996, existing customers with long-term firm power contracts were offered resource commitments for another 20 years. These contracts remain in effect until Sept. 30, 2024.

Western continued with the LAP Post-2004 resource pool allocation process that made 28 MW of summer and 24 MW of winter capacity available for an Oct. 1, 2004 delivery to qualified applicants. Western published proposed resource pool allocations on May 11, 2001, beginning a formal public comment period that included information forums in August 2001. Proposed allocations were made to 25 separate entities that included Native American tribes, cooperatives, municipalities and government agencies.

The public comment period for the proposed allocations ended Oct. 12, 2001, and Western will publish final allocations after evaluating comments. In 2002, after final allocations are published, Western will begin negotiating firm electric service contracts with allottees to prepare for resource delivery on Oct. 1, 2004. Additional LAP resource pools will be made available through a similar allocation process for October 2009 and October 2014 deliveries.

### Fryingpan-Arkansas Project

This multipurpose transmountain diversion development is located in south-central Colorado. Surplus water is diverted from the Fryingpan River on the west slope of the Rocky Mountains and brought to the east slope to support irrigation, municipal water supplies and electric power generation.

The project has six dams and five reservoirs with total storage of 741,000 acre-feet of water, 70 miles of tunnels and canals and a pumped-storage powerplant at Mount Elbert. Its two generating units have an installed capacity of 206 MW. While the majority of project capacity depends on water

pumped during off-peak hours and water releases for power production when needed, some generation is attributed to flow-through water.

Authorization for the first 100 MW unit of the powerplant was granted on Aug. 16, 1962. The second unit was authorized on Oct. 27, 1974. Work on these two units was completed in 1984.

The pumped-storage capability of the Mount Elbert powerplant has become increasingly valuable to Western and its customers. With the unusually high prices for power during peak periods, customers maximized their use of the pumped-storage capability under their contracts by taking delivery during the day (on-peak) and returning energy at night (off-peak) to pump water into the forebay at the powerplant.

## Pick-Sloan Missouri Basin Program—Western Division

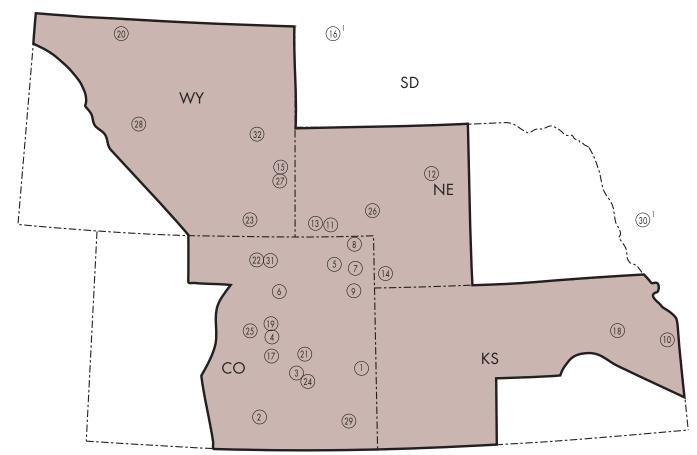
Both the Eastern and Western divisions have common electrical facilities at Yellowtail Dam in Montana and at a point near Gering, Neb. The divisions are, however, separate and distinct systems. Both divisions contribute revenue to repay P-SMBP expenses and investments with different generating resources, firm power allocations and rate structures.

Western Division generating resources include five units of the P-SMBP and four other Bureau of Reclamation projects authorized before P-SMBP, but that are integrated with P-SMBP for repayment purposes. The Boysen, Glendo, Kortes, Riverton and Yellowtail P-SMBP units include the Boysen, Glendo, Fremont Canyon, Kortes, Pilot Butte and Yellowtail powerplants. The Colorado-Big Thompson, Kendrick, North Platte and Shoshone projects include the Green Mountain, Marys Lake, Estes, Pole Hill, Flatiron, Big Thompson, Seminoe, Alcova, Guernsey, Shoshone, Buffalo Bill, Heart Mountain and Spirit Mountain powerplants. The Bureau of Reclamation operates and maintains all Western Division powerplants. The Western Division's powerplants' combined installed capability is 658 MW.

The Western Division reservoir storage was 95 percent of average to start FY 2001. Reservoir inflows, however, were well below normal throughout the Western Division for the year: 81 percent of average for the Colorado—Big Thompson Project, 56 percent in the North Platte Basin and 44 percent in the Bighorn Basin. The Adams Tunnel export of water from the Colorado River Basin to the Big Thompson River Basin was 114 percent of average (261,000 acre-feet) as the dry conditions caused high water delivery demands. The resulting Western Division reservoir storage at fiscal year end was 60 percent of average.

# **Loveland Area Projects**

## Firm Power Customers and Marketing Area



### Municipalities Colorado

- 1 Burlington
- 2 Center
- 3 Colorado Springs Utilities
- 4 Denver Water Board
- 5 Fort Morgan
- 6 Frederick
- 7 Holyoke
- 8 Julesburg9 Wray

#### Kansas

10 Kansas Municipal Energy Agency

### Nebraska

- 11 Lodgepole
- 12 Mullen
- 13 Sidney
- 14 Wauneta

### Wyoming

15 Torrington

### **Rural electric cooperatives**

- 16 Basin Electric Power Coop.
- 17 Intermountain Rural Electric Assn.
- 18 Kansas Elec. Power Coop.
- 19 Tri-State Generation & Transmission
- 20 Willwood Light & Power Co.

### Federal agencies

- 21 U.S. Air Force Academy
- 22 Arapahoe and Roosevelt National Forests
- 23 Francis E. Warren Air Force Base
- 24 Peterson Air Force Base
- 25 Rocky Flats-DOE

### **Public utility district**

26 Nebraska Public Power District

#### **Irrigation districts**

- 27 Goshen Irrigation District
- 28 Midvale ID

### State agencies

- 29 Arkansas River Power Authority
- 30 Municipal Energy Agency of Nebraska
- 31 Platte River Power Authority
- 32 Wyoming Municipal Power Agency

Note: Does not include Bureau of Reclamation customers.

<sup>&</sup>lt;sup>1</sup> All customer loads are delivered within the project's marketing area, even though a customer's headquarters may not be within it, as shown on this map.

## **Energy Resource and Disposition** Facilities and Substations

<b>.</b>		•
	FY 2001	(GWh) FY 2000
_		
Energy resources Net generation	2,035	2,172
Interchange Received <sup>1</sup> Delivered	525 68	627 149
Net	457	478
Purchases NonWestern Western Total purchases	511 100 611	421 161 582
Total energy resources	3,103	3,232
Energy disposition Sales of electric energy Western sales Project use sales	1,973 14	2,2 <i>74</i> 13
Total energy sales	1,988	2,287
Other Other deliveries/losses <sup>2</sup> Total other		1,068
Total energy delivered	2,871	3,355
System and contractual losses <sup>3</sup>	232	(123)
Total energy disposition	3,103	3,232

	FY 2001	FY 2000
Substations		
Number of substations	79	78
Number of transformers	74	73
Transformer capacity (kVA)	2,294,708	2,244,708
Land (fee)		
Acres	443.49	512.4
Hectares	180	207
Land (easement)		
Acres	133.35	125.9
Hectares	54	51
Buildings and communications	sites	
Number of buildings	191	191
Number of communications sites	81	80
Land (fee)		
Acres	<i>57</i> .3	58.73
Hectares	23	24
Land (easement)		
Acres	34.46	24.96
Hectares	14	10

## **Transmission Lines**

	Colo	orado	Neb	raska	Wyd	oming	To	tal
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
230-kV								
Circuit miles	66.62	64.82	106.06	106.06	337.20	337.20	509.88	508.08
Circuit kilometers	107.19	104.30	170.65	170.65	542.55	542.55	820.40	817.50
Acres	963.57	966.34	1,961.12	1,964.05	5,158.06	5,178.06	8,082.75	8,108.45
Hectares	390.11	391.23	793.98	<i>7</i> 95.16	2,088.29	2,096.39	3,272.38	3,282.78
138-kV								
Circuit miles	22.05	22.05	0.00	0.00	0.00	0.00	22.05	22.05
Circuit kilometers	35.48	35.48	0.00	0.00	0.00	0.00	35.48	35.48
Acres	282.96	282.96	0.00	0.00	0.00	0.00	282.96	282.96
Hectares	114.56	114.56	0.00	0.00	0.00	0.00	114.56	114.56
115-kV								
Circuit miles	618.35	618.35	407.74	407.74	1,371.71	1,371.71	2,397.80	2,397.80
Circuit kilometers	994.93	994.93	656.05	656.05	2,207.08	2,207.08	3,858.06	3,858.06
Acres	8,128.29	6,286.48	3,526.41	3,497.94	11,339.55	11,348.52	22,994.25	21,132.94
Hectares	3,290.81	2,545.14	1,427.70	1,416.17	4,590.92	4,594.55	9,309.43	8,555.87
69-kV and below								
Circuit miles	72.68	72.68	<i>7</i> 5.26	75.26	397.55	397.55	545.49	545.49
Circuit kilometers	116.94	116.94	121.09	121.09	639.66	639.66	877.69	877.69
Acres	617.26	597.13	382.18	398.59	3,714.49	3,702.90	4,713.93	4,698.62
Hectares	249.90	241.75	154.73	161.37	1,503.85	1,499.15	1,908.48	1,902.28
Totals								
Circuit miles	779.70	777.90	589.06	589.06	2,106.46	2,106.46	3,475.22	3,473.42
Circuit kilometers	1,254.54	1,251.64	947.80	947.80	3,389.29	3,389.29	5,591.63	5,588.73
Acres	9,992.08	8,132.91	5,869.71	5,860.58	20,212.10	20,229.48	36,073.89	34,222.97
Hectares	4,045.39	3,292.68	2,376.41	2,372.71	8,183.05	8,190.09	14,604.85	13,855.48

<sup>&</sup>lt;sup>1</sup> Includes energy returned for pump storage.

<sup>&</sup>lt;sup>2</sup> Includes energy used for pumping, pumping generation schedules (customers' use of pump storage), and interproject interchange with CRSP. Previous years have only included energy used for pumping.

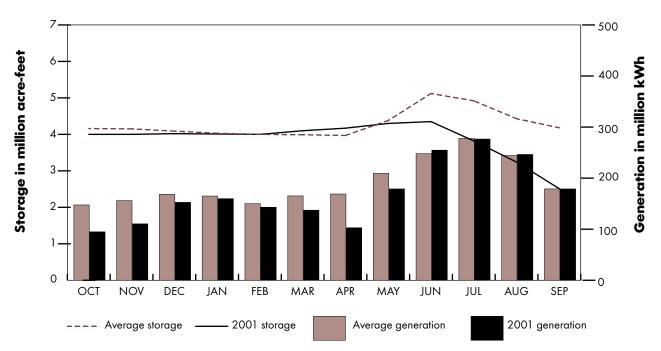
<sup>&</sup>lt;sup>3</sup> Negative system and contractual losses are due to overdeliveries by others in the control area causing deviation. Deviation is not accounted for in the total energy resources.

## **Powerplants**

Project/state/	Operating		initial in-service	number	capability <sup>1</sup>		tuai pability (MW)	Net generat	ion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001		FY 2001	FY 2000
Colorado									
Big Thompson	Reclamation	Trans-mtn. Div.	Apr 59	1	5	5	2	10	9
Estes	Reclamation	Trans-mtn. Div.	Sep 50	3	51	51	51	105	96
Flatiron <sup>3</sup>	Reclamation	Trans-mtn. Div.	Jan 54	3 4	95	94	94 <sup>5</sup>	218	193
Green Mountain	Reclamation	Blue	May 43	2	25	25	12 6	31	46
Marys Lake	Reclamation	Trans-mtn. Div.	May 51	1	8	8	8	41	38
Mount Elbert <sup>3</sup>	Reclamation	Arkansas	Oct 81	2	206	206	206	375	363
Pole Hill	Reclamation	Trans-mtn. Div.	Jan 54	1	33	33	33 <sup>6</sup>	168	157
Montana									
Yellowtail <sup>7</sup>	Reclamation	Big Horn	Aug 66	2	144	93	93 8	248	353
Wyoming									
Alcova	Reclamation	North Platte	Jul 55	2	40	36	36	115	122
Boysen	Reclamation	Wind	Aug 52	2	18	16	10	46	61
Buffalo Bill	Reclamation	Shoshone	May 95	3	18	18	16	44	72
Fremont Canyon	Reclamation	North Platte	Dec 60	2	66	66	66	253	277
Glendo	Reclamation	North Platte	Dec 58	2	38	38	34	70	89
Guernsey	Reclamation	North Platte	Jul 99	2	7	6	6	20	23
Heart Mountain	Reclamation	Shoshone	Dec 48	1	5	5	5	17	15
Kortes	Reclamation	North Platte	Jun 50	3	39	39	45	120	116
Pilot Butte	Reclamation	Wind	Jan 99	2	2	1	2	3	2
Seminoe	Reclamation	North Platte	Aug 39	3	51	51	51	116	101
Shoshone	Reclamation	Shoshone	May 95	1	3	3	3	23	22
Spirit Mountain	Reclamation	Shoshone	May 95	1	5	5	5	12	16
Loveland Area Pr	ojects Total			39	859	786	778	2,035	2,172

<sup>1</sup> Maximum operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

## **Storage and Generation**



Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities, such as project pumping energy.

Pump/generating plant.

Only unit 3 has pump/generation capability.

<sup>&</sup>lt;sup>5</sup> The 200 Operations Summary did not include 8 MW of the pump/generator's generating capability.

<sup>6</sup> Prior-year data is restated to correct a rounding error in the FY 2000 Operations Summary.

<sup>&</sup>lt;sup>7</sup> RM and UGP each market half of the plant capability and energy.

Prior-year data listed 186 MW, which has the capability of all available units, instead of half the capability marketed as Western Division resource.

### **Firm Power Rate Provisions**

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2001	L-F4 (2nd Step)	\$2.85	10.85 mills/kWh	10/1/94	21.70 mills/kWh

## **Transmission and Ancillary Services Rate Provisions**

Fiscal year	Rate schedule designation	Rate
2001	L-NT1, Network Integration Transmission Service	Load ratio share of 1/12 of the revenue requirement of \$42,065,119
	L-FPT1, Firm Transmission Service	\$3.20/kW-month or \$48.40/kW-year
	L-NFPT1, Nonfirm Transmission Service	4.58 mills/kWh (Maximum)
	L-AS1, Scheduling, System Control, and Dispatch Service	\$37.53/schedule/day
	L-AS2, Reactive Supply and Voltage Control from Generation Sources Service	\$0.094/kW-month
	L-AS3, Regulation and Frequency Response Service	\$0.104/kW-month
	L-AS4, Energy Imbalance Service	Under delivery outside 5% bandwidth, 100 mills/kWh penalty; 50 % credit of average
	L-AS5, Operating Reserve - Spinning Reserve Service	Pass-through cost
	L-AS6, Operating Reserve - Supplemental Reserve Service	Pass-through cost

## Rate Actions Summary

Rate order no.	Project	Type of rate action	notice of public participation	Rate schedule designation	of rate (first day of first full billing period)	Projected annual incremental \$(000)	Notes	Date submitted to FERC
WAPA-89	Loveland Area Projects	Extension of firm power rate	3/29/00	L-F4	10/01/94	\$0	Rate extended	N/A

## **Marketing Plan Summary**

9	•
Project	Expiration date
Loveland Area Projects	Sept. 30, 2024

# Firm and Nonfirm Sales by Customer Category FY 2001 FY 2000

Firm	Nonfirm	Total	Firm	Nonfirm	Total
394,240	0	394,240	394,002	0	394,002
7,999,382	0	7,999,382	8,351,933	0	8,351,933
1,108,725	21,454	1,130,179	1,193,158	234,020	1,427,178
25,935,851	1,497,953	27,433,803	25,792,356	7,362,042	33,154,398
<i>7</i> 8, <i>7</i> 65	0	78,765	<i>7</i> 6,1 <i>7</i> 0	0	<i>7</i> 6,1 <i>7</i> 0
1,302,109	0	1,302,109	1,255,116	0	1,255,116
353,042	3,081	356,123	361,126	288	361,414
6,770,142	375,685	7,145,827	7,820,255	13,827	7,834,082
14,149	0	14,149	14,149	0	14,149
263,484	0	263,484	260,990	0	260,990
35	0	35	170	0	170
3,628	0	3,628	3,824	0	3,824
0	0	0	0	1,016	1,016
0	0	0	0	68,959	68,959
1,948,957	24,535	1,973,492	2,038,775	235,324	2,274,099
42,274,595	1,873,638	44,148,233	43,484,474	7,444,828	50,929,302
	394,240 7,999,382 1,108,725 25,935,851 78,765 1,302,109 353,042 6,770,142 14,149 263,484 35 3,628	394,240 0 7,999,382 0  1,108,725 21,454 25,935,851 1,497,953  78,765 0 1,302,109 0  353,042 3,081 6,770,142 375,685  14,149 0 263,484 0  35 0 3,628 0  0 0 0 0 0 0	394,240 0 394,240 7,999,382 0 7,999,382  1,108,725 21,454 1,130,179 25,935,851 1,497,953 27,433,803  78,765 0 78,765 1,302,109 0 1,302,109  353,042 3,081 356,123 6,770,142 375,685 7,145,827  14,149 0 14,149 263,484 0 263,484  35 0 35 3,628 0 3,628  0 0 0 0 0 0 0	394,240       0       394,240       394,002         7,999,382       0       7,999,382       8,351,933         1,108,725       21,454       1,130,179       1,193,158         25,935,851       1,497,953       27,433,803       25,792,356         78,765       0       78,765       76,170         1,302,109       0       1,302,109       1,255,116         353,042       3,081       356,123       361,126         6,770,142       375,685       7,145,827       7,820,255         14,149       0       14,149       14,149         263,484       0       263,484       260,990         35       0       35       170         3,628       0       3,628       3,824         0       0       0       0         0       0       0       0         1,948,957       24,535       1,973,492       2,038,775	394,240       0       394,240       394,002       0         7,999,382       0       7,999,382       8,351,933       0         1,108,725       21,454       1,130,179       1,193,158       234,020         25,935,851       1,497,953       27,433,803       25,792,356       7,362,042         78,765       0       78,765       76,170       0         1,302,109       0       1,302,109       1,255,116       0         353,042       3,081       356,123       361,126       288         6,770,142       375,685       7,145,827       7,820,255       13,827         14,149       0       14,149       14,149       0         263,484       0       263,484       260,990       0         35       0       35       170       0         3,628       0       3,628       3,824       0         0       0       0       0       68,959          1,948,957       24,535       1,973,492       2,038,775       235,324

<sup>&</sup>lt;sup>1</sup> Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

## Firm and Nonfirm Energy Sales by State

		FY 2001			FY 2000	
State	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Colorado						
Energy sales - MWh	1,035,637	21,454	1,057,091	1,079,430	234,772	1,314,202
Power revenues - \$	22,084,899	1,497,953	23,582,852	22,923,211	7,411,621	30,334,832
Kansas						
Energy sales - MWh	178,330	0	178,330	186,514	0	186,514
Power revenues - \$	3,459,842	0	3,459,842	3,471,870	0	3,471,870
Nebraska						
Energy sales - MWh	338,664	0	338,664	354,251	171	354,422
Power revenues - \$	7,486,486	0	7,486,486	7,876,215	8,463	7,884,678
Wyoming						
Energy sales - MWh	396,325	3,081	399,406	418,580	381	418,961
Power revenues - \$	9,243,368	375,685	9,619,054	9,213,178	24,744	9,237,922
Total Loveland Area Project	s 1					
Energy sales - MWh	1,948,957	24,535	1,973,492	2,038,775	235,324	2,274,099
Power revenues - \$	42,274,595	1,873,638	44,148,233	43,484,474	7,444,828	50,929,302

<sup>&</sup>lt;sup>1</sup> Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

# Sales by State and Customer Category

-	FY 2001		FY 2000		
	Energy	Revenue	Energy	Revenue	
State/Type of customer	(MWh)	(\$)	(MWh)	(\$)	
Colorado					
Municipalities	276,094	5,500,687	276,315	5,849,222	
Cooperatives	535,909	13,585,778	786,234	19,456,125	
Federal agencies	61,935	1,006,644	59,340	959,651	
State agencies	183,152	3,489,743	191,297	4,000,875	
Investor-owned utilities	0	0	1,016	68,959	
Project use sales	45	312	277	1,941	
Total Colorado	1,057,136	23,583,164	1,314,479	30,336,773	
Kansas					
Municipalities	96,458	2,015,819	96,458	2,027,847	
Cooperatives	81,872	1,444,023	90,056	1,444,023	
Total Kansas	178,330	3,459,842	186,514	3,471,870	
Montana					
Interproject	240	24,660	60	1,620	
Total Montana	240	24,660	60	1,620	
Nebraska					
Municipalities	9,113	229,542	8,654	221,530	
Cooperatives	178,072	4,427,982	194,070	4,360,014	
Federal agencies	0	0	137,549	3,042,144	
State agencies	137,330	2,565,479	0	0	
Public utility districts	14,149	263,484	14,149	260,990	
Total Nebraska	338,664	7,486,486	354,422	7,884,678	
Wyoming					
Municipalities	12,575	253,334	12,575	253,334	
Cooperatives	334,325	7,976,021	356,818	7,894,236	
Federal agencies	16,830	295,465	16,830	295,465	
State agencies	35,641	1,090,605	32,568	791,063	
Irrigation districts	35	3,628	170	3,824	
Project use sales	14,443	29,176	12,672	31,680	
Total Wyoming	413,849	9,648,230	431,633	9,269,602	
Total Loveland Area Projects					
Municipalities	394,240	7,999,382	394,002	8,351,933	
Cooperatives	1,130,179	27,433,803	1,427,178	33,154,398	
Federal agencies	78,765	1,302,109	213,719	4,297,260	
State agencies	356,123	7,145,827	223,865	4,791,938	
Public utility districts	14,149	263,484	14,149	260,990	
Irrigation districts	35	3,628	170	3,824	
Investor-owned utilities	0	0	1,016	68,959	
Interproject	240	24,660	60	1,620	
Project use sales	14,488	29,488	12,949	33,621	
Total	1,988,220	44,202,381	2,287,108	50,964,543	

## **Top 5 Customers in Firm Energy Sales**

Rank	Customer	(MWh)	firm sales
1	Tri-State Generation & Tran. Assn.	857,354	44.0
2	Colorado Springs Utilities	217,424	11.2
3	Municipal Energy Agency of Nebraska	137,330	7.0
4	Platte River Power Authority	113,697	5.8
5	Kansas Municipal Energy Agency	96,458	4.9
	Total	1,422,263	72.9

## **Top 5 Customers in Firm Energy Revenue**

Rank	Customer	(\$)	Percent of firm revenue
1	Tri-State Generation & Tran. Assn.	21,319,124	50.4
2	Colorado Springs Utilities	4,016,026	9.5
3	Municipal Energy Agency of Nebraska	2,565,479	6.1
4	Platte River Power Authority	2,107,313	5.0
5	Kansas Municipal Energy Agency	2,015,819	4.8
	Total	32,023,761	75.8

## **Top Customers in Nonfirm Energy Sales**

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Rocky Mountain Generation Cooperative	21,454	87.4
2	Wyoming Municipal Power Agency	3,081	12.6
	Total	24,535	100.0

## **Top Customers in Nonfirm Energy Revenue**

Rank	Customer	(\$)	Percent of nonfirm revenues
1	Rocky Mountain Generation Cooperative	1,497,953	79.9
2	Wyoming Municipal Power Agency	375,685	20.1
	Total	1,873,638	100.0

Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

## **Purchased Power**

	FY 2	001	FY 2	000
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)
NonWestern suppliers				
Aquilla	17,600	688	0	0
Arizona Public Service	425	52	0	0
Basin Electric Power Cooperative	65,352	4,609	64,062	1,342
Black Hills Power & Light	2,565	351	0	0
Colorado Springs Utilities	1,355	191	0	0
Constellation	480	66	0	0
Idaho Power Company	80,108	5,479	0	0
Las Angeles Department of Water and Power	80	107	0	0
Midwest Energy Inc.	0	0	12	1
Municipal Energy Agency of Nebraska	78,783	4,492	88,895	2,595
Nebraska Public Power District	4	0	3,224	<i>7</i> 1

## Purchased Power, continued

i dichasea i dwei, co	FY 2	001	FY 2	000
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)
PacifiCorp	20,714	3,290	0	0
Platte River Power Authority	225	47	0	0
PowerEx Corp. <sup>1</sup>	544	30	0	0
Pacific Power Marketing Inc.	<i>7</i> ,280	1,242	0	0
Pennsylvania Power and Light Montana, LLC	580	41	0	0
Public Service Company of Colorado	<i>7</i> 3,141	7,722	0	0
Public Service Company of New Mexico	5,909	836	0	0
Rocky Mountain Generation Cooperative	55,473	<i>7</i> ,067	235,998	7,362
Salt River Project	2,810	457	0	0
Sempra Energy	72,630	<i>7</i> ,388	0	0
Sunflower Electric Power Corporation, Inc.	16,062	581	26,699	732
The Energy Authority Inc.	0	0	12	0
Tri-State Generation and Transmission Assn.	1,357	126	0	0
UtiliCorp United	4,749	799	0	0
United Municipal Power Agency	160	34	0	0
Western Resources	2,708	216	1,790	154
Subtotal nonWestern suppliers	511,094	45,911	420,692	12,257
Western suppliers				
Salt Lake City Area/Integrated Projects	24,899	3,503	59,693	6,055
Pick-Sloan–Eastern Division	74,921	7,447	101,254	3,471
Subtotal Western suppliers	99,820	10,950	160,947	9,526
Total purchased power <sup>2</sup>	610,914	56,861	581,639	21,783

<sup>&</sup>lt;sup>1</sup> PowerEx merged with British Columbia Power Exchange in FY 2001.

## **Purchased Transmission**

	FY 2001 <sup>1</sup>	FY 2000 1
Supplier	Costs (\$ 000)	Costs (\$ 000)
NonWestern suppliers		
Aquilla Power Corporation	0	15
Cargill-Alliant, LLC	0	12
Idaho Power Company	16	24
Municipal Energy Agency of Nebraska	0	7
Nebraska Public Power District	373	396
Pacific Power and Light	0	535
PacifiCorp	1,326	0
PowerEx Corp (British Columbia) <sup>2</sup>	20	3
Public Service Company of Colorado	3,062	3,767
Rocky Mountain Generation Cooperative, Inc. <sup>3</sup>	0	124
Transalta Energy Marketing	4	0
Tri-State Generation and Transmission Association, Inc.	156	155
Subtotal Non-Western suppliers	4,957	5,038
Western suppliers		
LAP		54
Salt Lake City Area/Integrated Projects	33 4	63
Subtotal Western suppliers	33	117
Total purchased transmission	4,990	5,155

<sup>&</sup>lt;sup>2</sup> Excludes interproject interchange with SLCA/IP.

Includes transmission costs for energy and capacity.
 PowerEx merged with British Columbia Power Exchange in FY 2001.

<sup>&</sup>lt;sup>3</sup> Reflects pass-through cost to third party.
<sup>4</sup> Excludes interproject interchange with SLCA/IP.

## **Purchased Ancillary Services**

Supplier	FY 2001 Costs (\$ 000)	FY 2000 Costs (\$ 000)
NonWestern suppliers		
Basin Electric Power Cooperative	0	1
Nebraska Public Power District	10	6
Pacific Power and Light	_832	0
Subtotal Non-Western Suppliers	842	7
Western supplier Salt Lake City Area/Integrated Projects	72 1	0
Subtotal Western suppliers		0
Total purchased ancillary services	914	7

<sup>&</sup>lt;sup>1</sup> Does not reflect services associated with SLCA/IP. Increase is due to energy imbalance charge from PacifiCorp and increased spinning reserves from SLCA/IP.

## **Customers by State and Customer Category**

•		FY 2001				FY 2000			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total	
Colorado									
Municipalities	8	0	0	8	9	0	0	9	
Cooperatives	2	0	1	3	1	1	1	3	
Federal agencies	4	0	0	4	4	0	0	4	
State agencies	2	0	0	2	1	1	0	2	
Investor-owned utilities	0	0	0	0	0	0	1	1	
Kansas									
Municipalities	1	0	0	1	1	0	0	1	
Cooperatives	1	0	0	1	1	0	0	1	
Nebraska									
Municipalities	4	0	0	4	3	0	0	3	
Cooperatives	1	0	0	1	0	1	0	1	
State agencies	1	0	0	1	0	1	0	1	
Public utility districts	1	0	0	1	1	0	0	1	
Wyoming									
Municipalities	1	0	0	1	1	0	0	1	
Cooperatives	3	0	0	3	1	2	0	3	
Federal agencies	1	0	0	1	1	0	0	1	
State agencies	0	1	0	1	0	1	0	1	
Irrigation district	2	0	0	2	2	0	0	2	
Subtotal	32	1	1	34	26	5	2	33	
Project use sales	9	0	0	9	9	0	0	9	
Interdepartment sales	0	0	0	0	0	0	0	0	
	41	1	1	43	35	5	2	42	
Interproject sales	0	0	1	1	0	0	1	1	
Total Western 1	41	1	2	44	35	5	3	43	

<sup>&</sup>lt;sup>1</sup> Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in the total.

Summary by State

John Mary 137	FY 2001				FY 2000			
State	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona	0	0	0	0	0	0	0	0
California	0	0	0	0	0	0	0	0
Colorado	16	0	1	17	15	2	2	19
Kansas	2	0	0	2	2	0	0	2
Montana	0	0	0	0	0	0	0	0
Nebraska	7	0	0	7	4	2	0	6
Nevada	0	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0	0
Wyoming	7	1	0	8	5	3	0	8
Total <sup>1, 2</sup>	32	1	1	34	26	5	2	33

<sup>&</sup>lt;sup>1</sup> Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in the total. <sup>2</sup> Summary by state does not include 9 project use customers and 1 interproject sale in Colorado and Wyoming.

## **Summary by Customer Category**

	FY 2001				FY 2000			
Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities	14	0	0	14	14	0	0	14
Cooperatives 1	5	0	1	6	3	2	1	6
Federal agencies	5	0	0	5	5	0	0	5
State agencies	3	1	0	4	1	3	0	4
Public utility districts	1	0	0	1	1	0	0	1
Irrigation districts	2	0	0	2	2	0	0	2
Investor-owned utilities	0	0	0	0	0	0	1	1
Power marketers	0	0	0	0	0	0	0	0
	30	1	1	32	26	5	2	33
Project use sales	9	0	0	9	9	0	0	9
	39	1	1	41	35	5	2	42
Interproject sales	0	0	1	1	0	0	1	1
Total Western 1, 2	39	1	2	42	35	5	3	43

<sup>&</sup>lt;sup>1</sup> Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in the total.

## **Transmission Revenues**

Transmission service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Firm transmission service	6,991,049	6,306,883
Firm network transmission service	15,265, <i>7</i> 46	12,559,709
Nonfirm point-to-point transmission service	13,133,708	5,613,817
Short-term firm point-to-point transmission service	4,678,800	2,252,850
Loveland Area Projects Total	40,069,303	26,733,259

## **Ancillary Services Revenues** 1

Ancillary service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Scheduling and dispatch service <sup>2</sup>	243,749	280,755
Reactive supply and voltage control service	280,216	256,458
Regulation and frequency response	804,719	644,324
Operating reserves – spinning	389,207	0
Loveland Area Projects Total	1,717,890	1,181,537

 $<sup>^{\</sup>rm 1}$  Excludes revenues bundled in delivery of Federal firm electric service.

<sup>&</sup>lt;sup>2</sup> Summary by state does not include nine project use customers and one interproject sale in Colorado and Wyoming.

<sup>&</sup>lt;sup>2</sup> Represents control area services charged to non-transmission customers. Charges to transmission customers are included in transmission revenues.

## **Power Sales and Revenue**

	Contract rate of delivery		FY	2001	FY 2000		
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Municipalities							
Colorado							
Burlington	1,548	1,120	4,210	91,301	4,210	91,301	
Center	225	270	1,201	21,495	1,201	21,495	
Colorado Springs Utilities	63,358	59,663	217,424	4,016,026	217,395	4,358,952	
Denver Water Board	2,843	2,215	7,060	163,093	7,060	163,093	
Fort Morgan	15,842	15,610	31,049	874,711	31,049	874,711	
Frederick	170	167	910	15,636	910	15,636	
Holyoke	2,102	1,548	5,754	124,846	5,754	124,846	
Julesburg	710	508	0	0	250	5,609	
Wray	4,013	1,923	8,486	193,579	8,486	193,579	
Subtotal Colorado			276,094	5,500,687	276,315	5,849,222	
Kansas							
Kansas Municipal Energy Agency	30,956	27,010	96,458	2,015,819	96,458	2,027,847	
Subtotal Kansas			96,458	2,015,819	96,458	2,027,847	
Nebraska							
Lodgepole	79	87	258	5,638	258	5,638	
Mullen	113	129	459	8,012	0	. 0	
Sidney	2,816	2,462	5,242	147,129	5,242	147,129	
Wauneta	1,020	1,000	3,154	68,763	3,154	68,763	
Subtotal Nebraska			9,113	229,542	8,654	221,530	
Wyoming							
Torrington	3,322	3,514	12,575	253,334	12,575	253,334	
Subtotal Wyoming			12,575	253,334	12,575	253,334	
Total municipalities			394,240	7,999,382	394,002	8,351,933	
Rural electric cooperatives							
Colorado							
Intermountain Rural Electric Assn.	19,000	21,500	83,893	1,381,361	83,893	1,602,784	
Rocky Mountain Generation Cooperative	0	0	21,454	1,497,953	233,095	7,311,218	
Tri-State Generation & Transmission Assn.	191,074	143,022	430,563	10,706,464	469,246	10,542,123	
Subtotal Colorado			535,909	13,585,778	786,234	19,456,125	
Kansas							
Kansas Electric Power Cooperative	13,976	13,329	81,872	1,444,023	90,056	1,444,023	
Subtotal Kansas			81,872	1,444,023	90,056	1,444,023	
Nebraska							
Tri-State Generation & Transmission Assn.	86,260	51,944	178,072	4,427,982	194,070	4,360,014	
Subtotal Nebraska			178,072	4,427,982	194,070	4,360,014	
Wyoming							
Basin Electric Power Cooperative	24,871	25,359	85,142	1,782,724	85,289	1,795,872	
Tri-State Generation & Transmission Assn.	90,550	102,468	248,718	6,184,678	271,064	6,089,745	
Willwood Light & Power Company	92	117	465	8,619	465	8,619	
Subtotal Wyoming			334,325	7,976,021	356,818	7,894,236	
Total cooperatives			1,130,179	27,433,803	1,427,178	33,154,398	
Federal agencies							
Colorado							
Arapahoe and Roosevelt National Forests	202	282	455	7,134	384	6,226	
Rocky Flats – DOE	3,280	3,250	21,635	355,755	19,143	310,012	
Peterson Air Force Base	4,401	4,388	28,493	459,442	28,465	459,139	
U.S. Air Force Academy	1,753	1,823	11,351	184,313	11,348	184,274	
Subtotal Colorado			61,935	1,006,644	59,340	959,651	

# Power Sales and Revenue, continued

	Contract rate of delivery		FY:	2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Wyoming						
Francis E. Warren AFB	3,300	3,300	16,830	295,465	16,830	295,465
Subtotal Wyoming			16,830	295,465	16,830	295,465
Total Federal agencies			78,765	1,302,109	76,170	1,255,116
Colorado Arkansas River Power Authority Platte River Power Authority	29,661 31,566	23,285 33,282	69,455 113,697	1,382,430 2,107,313	77,330 113,967	1,700,328 2,300,547
Subtotal Colorado	01,000	00,202	183,152	3,489,743	191,297	4,000,875
Nobumber						
<b>Nebraska</b> Municipal Energy Agency of Nebraska	45,280	44,033	137,330	2,565,479	137,549	3,042,144
Subtotal Nebraska			137,330	2,565,479	137,549	3,042,144
Wyoming						
Wyoming Municipal Power Agency	12,413	14,420	35,641	1,090,605	32,568	791,063
Subtotal Wyoming			35,641	1,090,605	32,568	791,063
Total state agencies			356,123	7,145,827	361,414	7,834,082
Public utility districts Nebraska						
Nebraska Public Power District	4,007	2,278	14,149	263,484	14,149	260,990
Subtotal Nebraska			14,149	263,484	14,149	260,990
Total public utility districts			14,149	263,484	14,149	260,990
Irrigation districts Wyoming						
Goshen Irrigation District Midvale Irrigation District	26 59	26 84	10 	288 3,340	17	495 3,329
Subtotal Wyoming			35	3,628	170	3,824
Total irrigation districts			35	3,628	170	3,824
Investor-owned utilities						
<b>Colorado</b> Public Service Company of Colorado	0	0	0	0	1,016	68,959
Subtotal Colorado			0	0	1,016	68,959
Total investor-owned utilities			0	0	1,016	68,959
Loveland Area Projects subtotal			1,973,492	44,148,233	2,274,099	50,929,302
Project use sales						
Colorado	889	959	45	312	277	1,941
Wyoming  Total project use sales	3,560	0	14,443 14,488	29,176 <b>29,488</b>	12,672	31,680 33,621
			14,400	27,400	12,747	00,021
Interproject 1 Montana Pick-Sloan — Eastern Division			240	24,660	60	1,620
Subtotal Montana			240	24,660	60	1,620
			240	24,660	60	1,620
Total interproject						
Loveland Area Projects total			1,988,220	44,202,381	2,287,108	50,964,543

 $<sup>^{\</sup>rm 1}$  Excludes interproject interchange with SLCA/IP.

# Fryingpan-Arkansas Project

Status of Repayment
Cumulative activities as of Sept. 30, 2001
(Dollars in thousands)

	Cumulative <sup>1</sup> 2000	Adjustments	Annual 2001	Cumulative 2001 <sup>2</sup>
Revenue:				
Gross operating revenue	179,245	(143)	13,459	192,561
Income transfers (net)	0			0
Total operating revenue	179,245	(143)	13,459	192,561
Expenses:				
O & M and other	46,834	613	2,760	50,207
Purchase power and other Interest	31,482	2,267	5,579	39,328
Federally financed	86,903		4,198	91,101
Non-Federally financed	0			0
Total interest	86,903	0	4,198	91,101
Total Expense	165,219	2,880	12,537	180,636
(Deficit)/Surplus revenue	0	61	(61)	0
Investment:				
Federally financed power	148,764	(467)	393	148,690
Non-Federally financed power	0			0
Nonpower	0			0
Total investment	148,764	(467)	393	148,690
Investment repaid:				
Federally financed power	14,026	(3,084)	983	11,925
Non-Federally financed power	0			0
Nonpower	0			0
Total investment repaid	14,026	(3,084)	983	11,925
Investment unpaid:				
Federally financed power	134,738	2,617	(590)	136,765
Non-Federally financed power	0	•		0
Nonpower	0			0
Total investment unpaid	134,738	2,617	(590)	136,765
Percent of investment repa	id to date:			
Federal	9.43%			8.02%
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

 $<sup>^1\,</sup>$  This column ties to the cumulative FY 2000 numbers on page 92 of the FY 2000 Operations Summary.  $^2\,$  Based on the FY 2001 Power Repayment Study.

#### Fryingpan-Arkansas Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

As of September 30, 200	o unu 177	<b>2000</b>	1	1999			
Assets	Western	Reclamation	Total	Western	Reclamation	Total	
Utility plant:							
Completed plant	\$ 2,913	145,960	148,873	\$ 2,913	144,842	147,755	
Accumulated depreciation	(1,385)	(29,744)	(31,129)	(1,301)	(27,190)	(28,491)	
	1,528	116,216	117,744	1,612	117,652	119,264	
Construction work in progress	0	0	0	0	191	191	
Net utility plant	1,528	116,216	117,744	1,612	117,843	119,455	
Cash	1,659	389	2,048	76	299	375	
Accounts receivable	3,694	0	3,694	1,256	0	1,256	
Other assets	60	229	289	(6)	187	181	
Total assets	6,941	116,834	123,775	2,938	118,329	121,267	
Federal investment and liabilitie	es						
Congressional appropriations	29.133	154,279	183,412	28,631	148,829	177,460	
Interest on Federal investment	1,954	118,722	120,676	1,875	114,767	116,642	
Transfer of property & services, net	119,564	(125,614)	(6,050)	105,346	(114,483)	(9,137)	
Gross Federal investment	150,651	147,387	298,038	135,852	149,113	284,965	
Funds returned to U.S. Treasury	(154,909)	0	(154,909)	(146,592)	0	(146,592)	
Net outstanding Federal investment	(4,258)	147,387	143,129	(10,740)	149,113	138,373	
Accumulated net revenues/(deficit)	11,114	(31,065)	(19,951)	13,653	(31,261)	(17,608)	
<b>Total Federal investment</b>	6,856	116,322	123,178	2,913	117,852	120,765	
Commitments and contingencies							
Liabilities: Accounts payable	12	38	50	7	44	51	
Other liabilities	73	474	547	18	433	451	
Total liabilities	85	512	597	25	477	502	
Total Federal investment & liabilities	\$ 6,941	116,834	123,775	\$ 2,938	118,329	121,267	

### Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000 and 1999 (in thousands)

7.3 of depictiber 60, 2000	3 4114 177	2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 12,953	0	12,953	\$ 12,851	0	12,851	
Other operating income	1,002	0	1,002	860	0	860	
Gross operating revenues	13,955	0	13,955	13,711	0	13,711	
Income transfers, net	(9,534)	9,534	0	(6,088)	6,088	0	
Total operating revenues	4,421	9,534	13,955	7,623	6,088	13,711	
Operating expenses:							
Operation and maintenance	370	2,774	3,144	424	2,778	3,202	
Administration and general	123	0	123	124	0	124	
Purchased power	2,564	0	2,564	494	0	494	
Purchased transmission services	3,738	0	3,738	2,967	0	2,967	
Depreciation	85	2,610	2,695	90	(1,648)	(1,558)	
Total operating expenses	6,880	5,384	12,264	4,099	1,130	5,229	
Net operating revenues/(deficit)	(2,459)	4,150	1,691	3,524	4,958	8,482	
Interest on Federal investment:							
Interest on Federal investment	80	3,954	4,034	82	4,114	4,196	
Allowance for funds used during construction	0	0	0	0	0	0	
•	80	3,954	4,034	82			
Net interest expense		i	i		4,114	4,196	
Net revenues/(deficit) Accumulated net revenues:	(2,539)	196	(2,343)	3,442	844	4,286	
Balance beginning of year	13,653	(31,261)	(17,608)	10,211	(32,105)	(21,894)	
Balance end of year	\$ 11,114	(31,065)	(19,951)	\$ 13,653	(31,261)	(17,608)	

# **Parker-Davis Project**

he Parker-Davis Project was formed by consolidating two projects,
Davis Dam and Parker Dam, under terms of the Act of May 28, 1954.
Parker Dam and Powerplant, which created Lake Havasu 155 miles
below Hoover Dam on the Colorado River, was authorized by the Rivers and
Harbors Act of Aug. 30, 1935. The Bureau of Reclamation constructed the project partly
with funds advanced by the Metropolitan Water District of Southern California, which now
diverts nearly 1.2 million acre-feet each year by pumping it from Lake Havasu. The Cooperative Contract
for Construction and Operation of Parker Dam was agreed to in 1933. MWD receives half of the capacity
and energy from four generating units. The Federal share of Parker powerplant capacity, as determined by
the Bureau of Reclamation, is 54,000 kW.

Davis Dam, on the Colorado River 67 miles below Hoover Dam, created Lake Mohave. The project was authorized under the Reclamation Project Act of 1939. Construction began in 1941, but due to delays caused by World War II, it wasn't completed until 1953. Davis Dam has a storage capacity of 1.8 million acre-feet. The Bureau of Reclamation has increased the five generation units' operating capacity from 232,000 kW to 236,000 kW due to the completion of the Generator Unit No. 1 rewind.

Parker-Davis Project is operated in conjunction with the other generating installations in the Colorado River Basin. It supplies the electrical needs of more than 300,000 people. The project includes 1,583 circuit-miles of high-voltage transmission lines in Arizona, southern Nevada and along the Colorado River in California. Parker-Davis Project's power marketing criteria are part of the 1984 Conformed General Consolidated Power Marketing Criteria of the Boulder City Area Office (now Western's Desert Southwest Customer Service Region).

Water demands in the Lower Colorado River Basin and releases from Hoover Dam determine operation of the Parker-Davis Project. Parker Dam released 7.1 million acre-feet and Davis Dam released 10.1 million acre-feet in FY 2001. Storage in Lakes Mohave and Havasu was near normal at 2.2 million acre-feet combined at the end of the fiscal year.

In FY 2001, net generation decreased by about 3 percent from 1.548 billion kWh in FY 2000 to 1.507 billion kWh. This is the result of annual water release targets established by the Secretary of the Interior and weather conditions along the Colorado River. In FY 2001, power purchases decreased from 2 million kWh in FY 2000 to zero. Power purchases were not needed due to sufficient energy being available through interchanges. This energy was required when water releases along the lower stem of the Colorado River did not coincide with the periods when energy was required to meet loads.

Parker-Davis is operationally integrated with Hoover Powerplant. In the event Parker-Davis generation is not sufficient to meet firm contractual obligations, Hoover generation may be used, or Western may purchase power from other resources.

Power generated from the Parker-Davis Project is marketed to customers in Nevada, Arizona and California. Excluding project use, criteria provide for marketing 185,530 kW of capacity in the winter season and 242,515 kW capacity in the summer season. Customers receive 1,703 kWh (winter season) and 3,441 kWh (summer season) of energy with each kW of capacity. Excluding project use, total marketable energy is 316 million kWh (winter season) and 835 million kWh (summer season).

A portion of the resource marketed is reserved for the United States' priority use but is not presently needed. This portion—9,460 kW of capacity and associated energy in the winter season and 16,030 kW of

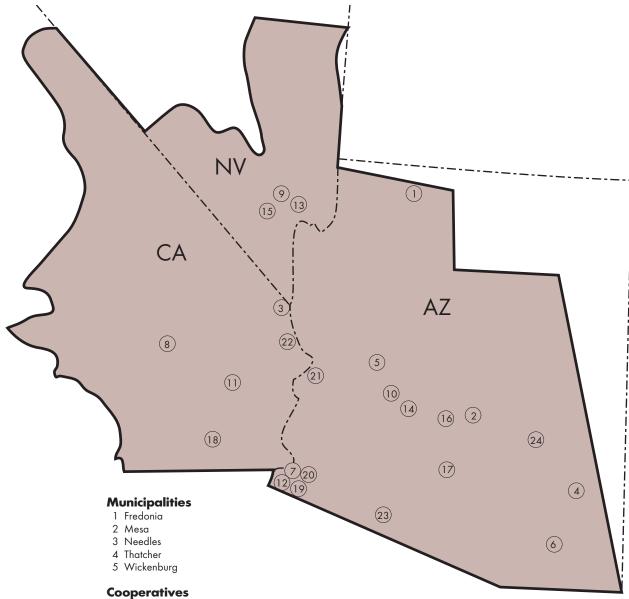
capacity and associated energy in the summer season—is withdrawable from existing customers upon two years' written notice. Existing Parker-Davis Project firm power contracts expire on Sept. 30, 2008. About 72 percent of Parker-Davis firm energy sales are made to five of the 46 customers, with about 50 percent of the energy going to Arizona.

In FY 2001, energy sales increased by about 1 percent from 1,530 million kWh in FY 2000 to 1,597 million kWh. Revenue from the sale of electricity decreased by about 51 percent from \$14.8 million in FY 2000 to \$7.2 million in FY 2001 due to lower nonfirm energy prices.

The methodologies to calculate rates for firm power, firm transmission service and nonfirm transmission service have been in effect since Nov. 1, 1997.

# **Parker-Davis Project**

# Firm Power Customers and Marketing Area



6 Arizona Electric Power Coop.

#### Federal agencies

- 7 Yuma Proving Grounds
- 8 Edwards Air Force Base
- 9 Nevada Operations Office-DOE
- 10 Luke Air Force Base
- 11 March Air Force Base
- 12 Marine Corps Air Station-Yuma
- 13 Nellis Air Force Base
- 14 Gila Bend Air Force Auxiliary

#### State agencies

- 15 Colorado River Commission
- 16 Salt River Project

#### **Irrigation districts**

- 17 ED-3 Pinal
- 18 Imperial ID
- 19 Wellton-Mohawk Irrigation District
- 20 Yuma ID

#### **Native American tribes**

- 21 Colorado River Agency
- 22 Fort Mojave Indian Tribe
- 23 Tohono O'Odham Nation
- 24 San Carlos Irrigation Project

Note: Does not include interproject and Bureau of Reclamation customers.

### **Energy Resource and Disposition**

<b>0</b> 7		(GWh)
	FY 2001	FY 2000
Energy resources		
Net generation	1,50 <i>7</i>	1,548
Interchange <sup>1</sup>		
Received	338	135
Delivered	79	97
Net	259	38
Purchases		
NonWestern	0	2
Western	0	0
Total purchases	0	2
Total energy resources	1,766	1,588
<b>Energy disposition</b> Sales of electric energy		
Western sales <sup>2</sup>	1,400	1,348
Project use sales	198	182
Total energy sales	1,598	1,530
Other		
Interproject sales OEA <sup>3</sup>	8	49
	10	83
Total other	18	132
Total energy delivered	1,616	1,662
System and	150	
contractual losses	150	(74)
Total energy disposition	1,766	1,588

Western Area Lower Colorado scheduled interchange.

#### Facilities and Substations

	FY 2001	FY 2000
Substations		
Number of substations	34	34
Number of transformers	39	39
Transformer capacity (kVA)	1,955,874	1,955,874
Land (fee)		
Acres	316.10	418.31
Hectares	127.98	169.36
Land (easement)		
Acres	62.23	62.23
Hectares	25.19	25.19
Land (withdrawal)		
Acres	115.00	115.00
Hectares	46.56	46.56
Buildings and communications	sites	
Number of buildings	58	58
Number of communications sites	58	58
Land (easement)		
Acres	6.96	6.96
Hectares	2.82	2.82

# Transmission Lines

	Arizona		California		Nev	ada	Total	
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
230-kV								
Circuit miles	658.93	616.13	1.70	1.70	90.04	90.04	<i>7</i> 50.67	707.87
Circuit kilometers	1,060.22	991.35	2.74	2.74	144.87	144.87	1,207.83	1,138.96
Acres	6,599.91	6,524.27	19.55	19.55	2,035.36	2,035.36	8,635.27	8,559.63
Hectares	2,672.03	2,641.41	7.92	7.92	824.03	824.03	3,496.07	3,465.44
161-kV								
Circuit miles	143.01	143.01	232.79	232.79	0.00	0.00	375.80	375.80
Circuit kilometers	230.10	230.10	374.56	374.56	0.00	0.00	604.66	604.66
Acres	4,116.96	3,898.12	2,738.89	2,726.18	0.00	0.00	6,855.85	6,624.30
Hectares	1,666.79	1,578.19	1,108.86	1,103.72	0.00	0.00	2,775.65	2,681.91
115-kV								
Circuit miles	338.80	338.80	0.00	0.00	0.00	0.00	338.80	338.80
Circuit kilometers	545.13	545.13	0.00	0.00	0.00	0.00	545.13	545.13
Acres	3,150.85	3,138.92	0.00	0.00	0.00	0.00	3,150.85	3,138.92
Hectares	1,275.65	1,270.82	0.00	0.00	0.00	0.00	1,275.65	1,270.82
69-kV and below								
Circuit miles	109.01	109.01	5.80	5.80	3.40	3.40	118.21	118.21
Circuit kilometers	175.40	175.40	9.33	9.33	5.47	5.47	190.20	190.20
Acres	595.82	595.82	81.07	81.07	29.65	29.65	706.54	706.54
Hectares	241.22	241.22	32.82	32.82	12.00	12.00	286.05	286.05
Totals								
Circuit miles	1,249.75	1,206.95	240.29	240.29	93.44	93.44	1,583.48	1,540.68
Circuit kilometers	2,010.85	1,941.98	386.63	386.63	150.34	150.34	2,547.82	2,478.95
Acres	14,463.54	14,157.13	2,839.51	2,839.51	2,065.01	2,065.01	19,368.06	19,029.39
Hectares	5,855.70	5,731.64	1,149.60	1,149.60	836.04	836.04	7,841.34	7,704.22

Includes 33,563 MW (36,706 MW to the Colorado River Commission, 2,651 MW of which was incorrectly reported under Wellton-Mohawk and 492 MW to LAP).

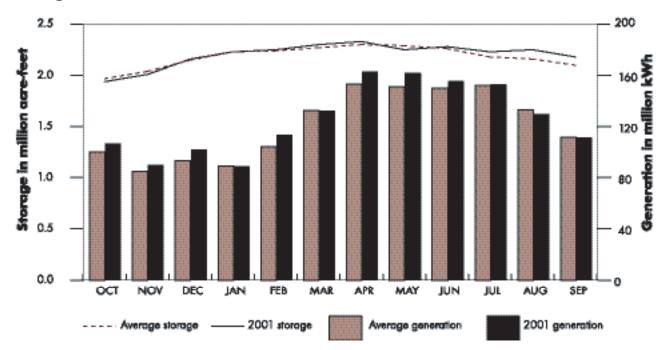
Operating Energy Account, which is used to bank Parker-Davis energy for future use.

#### **Powerplants**

Project/state/ Operating		Initial in-servi		Existing number	Installed capability <sup>1</sup>		tual ıpability (MW)	Net genera	tion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
Arizona									
Davis	Reclamation	Colorado	Jan 51	5	236	236	232	1,260	1,280
California									
Parker	Reclamation	Colorado	Dec 42	4	54 <sup>3</sup>	54	54	247	268
Parker-Davis Tot	al			9	290	290	286	1,507	1,548

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit and independent of water constraints

#### **Storage and Generation**



#### **Firm Power Rate Provisions**

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2001	PD-F6	0.65 - Generation	1.49 mills/kWh	10/1/00	5.45 mills/kWh

#### **Transmission Rate Provisions**

Fiscal year	Rate schedule designation	Rate
2001	PD-FT6, Firm Transmission Service	\$12.99 per kW per year

#### **Marketing Plan Summary**

Project	Expiration Date
Parker-Davis	Sept. 30, 2008

<sup>&</sup>lt;sup>2</sup> Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

<sup>&</sup>lt;sup>3</sup> United States' share (50 percent) of plant capability.

#### Firm and Nonfirm Energy Sales by State

**FY 2000** Firm **Nonfirm** Total Firm **Nonfirm** Total Type of customer **Arizona** Energy sales - MWh 668,748 6,802 675,550 575,873 26,877 602,750 Power revenues - \$ 1,822,736 312,902 2,135,638 2,931,996 785,931 3,717,927 California 351,460 20,982 372,442 304,844 104,671 409,515 Energy sales - MWh Power revenues - \$ 971,434 1,486,367 2,457,801 1,564,908 3,884,749 5,449,657 Colorado 0 20 20 0 330 330 Energy sales - MWh Power revenues - \$ 0 600 600 0 8,140 8,140 Connecticut Energy sales - MWh 0 700 700 0 100 100 Power Revenues-\$ 0 20,700 20,700 0 15,000 15,000 Idaho Energy sales - MWh 0 3,450 3,450 0 15,792 15,792 332,089 0 90,350 90,350 0 332,089 Power revenues - \$ Minnesota Energy sales - MWh 0 1,911 1,911 0 1,014 1,014 Power revenues-\$ 0 117,491 117,491 0 41,968 41,968 Missouri Energy sales - MWh 0 50 50 0 4,945 4,945 Power revenues - \$ 0 1,000 1,000 0 113,865 113,865 Nevada 299,395 Energy sales - MWh 300,808 350 301,158 293,385 6,010 Power revenues - \$ 879,581 13,500 893,081 1,506,865 165,575 1,672,440 **New Mexico** 6,605 6,323 Energy sales - MWh 0 6,323 0 6,605 Power revenues - \$ 0 399,875 399,875 0 162,639 162,639 **North Dakota** Energy sales - MWh 0 248 248 0 0 0 0 0 37,200 37,200 0 0 Power revenues - \$ Ohio 0 0 0 799 799 Energy sales - MWh 0 Power revenues - \$ 0 0 0 0 25,747 25,747 Oregon Energy sales - MWh 0 359 359 0 2,025 2,025 Power revenues - \$ 0 5,736 5,736 0 60,225 60,225 Utah Energy sales - MWh 0 680 680 0 1,525 1,525 31,600 Power revenues - \$ 0 31,600 0 22,690 22,690 Canada Energy sales - MWh 0 0 0 0 3,150 3,150 Power revenues - \$ 0 0 0 0 57,900 57,900 Total Parker-Davis **Energy sales - MWh** 1,321,016 41,875 1,362,891 1,174,101 173,843 1,347,945 Power revenues - \$ 3,673,751 2,517,321 6,191,072 6,003,769 5,676,517 11,680,286

<sup>&</sup>lt;sup>1</sup> Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

### Firm and Nonfirm Sales by Customer Category

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Municipalities						
Energy sales - MWh	120,636	11,98 <i>7</i>	132,623	99,448	21,594	121,042
Revenues - \$	316,982	572,456	889,438	494,805	395,388	890,193
Cooperatives						
Energy sales - MWh	130,969	924	131,893	113,520	12,043	125,563
Revenues - \$	363,234	<i>7</i> 6,860	440,094	591,943	337,060	929,003
Federal agencies 1						
Energy sales - MWh	391,067	1,558	392,625	343,996	2,178	346,1 <i>7</i> 4
Revenues - \$	1,074,080	93,914	1,167,994	1,745,984	85,903	1,831,887
State agencies						
Energy sales - MWh	444,930	5,565	450,495	413,780	23,089	436,869
Revenues - \$	1,272,711	376,728	1,649,438	2,127,606	414,771	2,542,376
Public utility districts						
Energy sales - MWh	0	0	0	0	400	400
Revenues - \$	0	0	0	0	16,650	16,650
Irrigation districts						
Energy sales - MWh	233,414	0	233,414	203,357	0	203,357
Revenues - \$	646,744	0	646,744	1,043,432	0	1,043,432
Investor-owned						
Energy sales - MWh	0	10,550	10,550	0	35,609	35,609
Revenues - \$	0	505,261	505,261	0	949,689	949,689
Marketers						
Energy sales - MWh	0	11,291	11,291	0	<i>7</i> 8,930	78,930
Revenues - \$	0	892,102	892,102	0	3,477,056	3,477,056
Total <sup>2</sup>						

<sup>&</sup>lt;sup>1</sup> Includes sales to the Colorado River Agency, Tohono O'Odham Nation, San Carlos Irrigation Project and the Fort Mohave Indian Tribe.

1,362,891

6,191,072

1,174,101

6,003,769

173,843

5,676,517 11,680,286

1,347,945

41,875

#### Sales by State and Customer Category

3,673,751 2,517,321

1,321,016

Sales by State		2001	FY 2000		
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Arizona					
Municipalities	88,336	232,442	73,186	363 <i>,7</i> 48	
Cooperatives	131,625	402,294	125,563	929,003	
Federal agencies <sup>1</sup>	225,472	702,197	197,092	1,059,099	
State agencies	178,979	655,891	156,254	930,564	
Irrigation districts	51,030	141,414	46,277	232,099	
Investor-owned utilities	108	1,400	4,378	203,415	
Project use sales	197,918	585,863	182,652	1,009,621	
Total Arizona	873,468	2,721,501	785,402	4,727,548	
California					
Municipalities	43,567	619,796	46,000	495,615	
Federal agencies <sup>2</sup>	136,776	381,564	121,792	634,627	
State agencies	1,085	198,200	14,521	243,109	
Public utility districts	0	0	400	16,650	
Irrigation districts	182,384	505,330	157,080	811,333	
Power marketers	8,630	752,911	69,721	3,248,323	
Total California	372,442	2,457,801	409,515	5,449,657	
Colorado					
Municipalities	0	0	330	8,140	
Cooperatives	20	600	0	0	
Interproject	8,647	376,113	49,201	2,100,969	
Total Colorado	8,667	376,713	49,531	2,109,109	
Connecticut					
Power marketers	700	20,700	100	15,000	
Total Connecticut	700	20,700	100	15,000	

Energy sales - MWh

Revenues - \$

<sup>&</sup>lt;sup>2</sup> Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

# Sales by State and Customer Category, continued FY 2001 FY 2000

**Energy** Revenue Revenue **Energy** (MWh) (MWh) State/Type of customer (\$) (\$) Idaho Investor-owned utilities 3,450 90,350 15,792 332,089 **Total Idaho** 3,450 90,350 15,792 332,089 Minnesota 1,911 117,491 1,014 41,968 Power marketers **Total Minnesota** 1,911 117,491 1,014 41,968 Missouri Power marketers 50 1,000 4,945 113,865 **Total Missouri** 50 1,000 4,945 113,865 Nevada Federal agencies 27,291 138,162 30,377 84,233 State agencies 270,431 795,347 266,094 1,368,703 Investor-owned utilities 350 13,500 6,010 165,575 **Total Nevada** 301,158 893,081 299,395 1,672,440 **New Mexico** Municipalities 40 5.600 0 0 Investor-owned utilities 6,283 394,275 6,605 162,639 6,323 6,605 **Total New Mexico** 399,875 162,639 **North Dakota** Cooperatives 248 37,200 0 0 37,200 **Total North Dakota** 248 0 0 Ohio 25,747 Investor-owned utilities 0 799 0 **Total Ohio** 0 0 799 25,747 Oregon Investor-owned utilities 359 5,736 2,025 60,225 **Total Oregon** 359 5,736 2,025 60,225 Utah Municipalities 680 31,600 1,525 22,690 **Total Utah** 680 31,600 1,525 22,690 Canada Power marketers 0 3,150 57,900 **Total Canada** 0 0 3,150 57,900 **Total Parker-Davis** 889,438 121,042 890,193 Municipalities 132,623

131,893

392,625

450,495

233,414

10,550

11,291

8,647

197,918

1,569,456

440,094

1,167,994

1,649,438

646,744

505,261

892,102

376,113

585,863

7,153,048

125,563

346,174

436,869

203,357

35,609

78,930

49,201

182,652

1,579,798

400

929,003

1,831,887

2,542,376

1,043,432 949,689

3,477,056

2,100,969 1,009,621

14,790,876

16,650

Cooperatives

State agencies

Federal agencies 1, 2

Public utility districts

Investor-owned utilities

Irrigation districts

Power marketers

Project use sales

**Total Parker-Davis** 

Interproject

Includes sales to the Colorado River Agency, Tohono O'Odham Nation and San Carlos Irrigation Project.

Includes sales to the Fort Mohave Indian Tribe.

### Top 5 Customers in Firm Energy Sales

Ranl	k Customer	(MWh)	firm sales	
1	Colorado River Commission	270,431	20	
2	Wellton-Mohawk Irrig District	191,070	14	
3	Imperial Irrigation District	182,384	14	
4	Salt River Project	174,499	13	
5	Arizona Electric Power Coop	130,969	10	
	Total	949,353	71	

### **Top 5 Customers in Firm Energy Revenue**

Rank	Customer	(\$)	Percent of firm revenue		
1	Colorado River Commission	795,347	22		
2	Wellton-Mohawk Irrig District	564,663	15		
3	Imperial Irrigation District	505,330	14		
4	Salt River Project	477,364	13		
5	Arizona Electric Power Coop	363,234	10		
	Total	2,705,938	74		

#### **Top 5 Customers in Nonfirm Energy Sales**

Rank	Customer	(MWh)	nonfirm sales
1	Los Angeles Dept. of Water and Power	8,213	20
2	California Power Exchange	7,805	19
3	Public Service Co. of New Mexico	6,283	15
4	Salt River Project	4,480	11
5	Idaho Power Co.	3,450	8
	Total	30,231	73

### **Top 5 Customers in Nonfirm Energy Revenue**

Rank	Customer	(\$)	Percent of nonfirm revenues
1	California Power Exchange	575,084	23
2	Los Angeles Dept. of Water and Power	418,215	17
3	Public Service Co. of New Mexico	394,275	16
4	California Dept. of Water Resources	194,000	8
5	Salt River Project	178,528	7
	Total	1,760,102	

Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

# **Customers by State and Customer Category**

•	FY 2001			FY 2000				
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona								
Municipalities	4	0	0	4	4	0	0	4
Cooperatives	2	1	0	3	0	1	1	2
Federal agencies 1	8	0	1	9	6	1	1	8
State agencies	0	1	0	1	0	1	0	1
Irrigation districts	2	0	0	2	3	0	0	3
Investor-owned utilities	0	0	2	2	0	0	3	3
California								
Municipalities	1	0	2	3	1	0	1	2
Federal agencies <sup>2</sup>	2	0	0	2	2	1	0	3
State agencies	0	0	2	2	0	0	1	1
Irrigation districts	1	0	0	1	1	0	0	1
Power marketers	0	0	1	1	0	0	1	1
Public utility districts	0	0	1	1	0	0	1	1
Colorado								
Municipalities	0	0	0	0	0	0	1	1
Cooperatives	0	0	1	1	0	0	0	0
Connecticut								
Power marketers	0	0	1	1	0	0	1	1
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1
Minnesota								
Power marketers	0	0	1	1	0	0	1	1
Missouri								
Power marketers	0	0	1	1	0	0	1	1
New Mexico								
Municipalities	0	0	1	1	0	0	0	0
Investor-owned utilities	0	0	1	1	0	0	1	1
Nevada								
Federal agencies	2	0	0	2	2	0	0	2
State agencies	1	0	0	1	1	0	0	1
Investor-owned utilities	0	0	1	1	0	0	1	1
North Dakota								
Cooperatives	0	0	1	1	0	0	0	0
Ohio								
Investor-owned utilities	0	0	0	0	0	0	1	1
Oregon								
Investor-owned utilities	0	0	1	1	0	0	1	1
Utah								
Municipalities	0	0	1	1	0	0	1	1
Canada								
Power marketers	0	0	0	0	0	0	1	1
Subtotal	23	2	20	45	20	4	20	44
Project use sales	2	0	0	2	2	0	0	2
Subtotal	25	2	20	47	22	4	20	46
Interproject sales	0	0	0	0	0	0	20	<b>40</b>
Total	25	2	20	47	22	4	22	48

<sup>&</sup>lt;sup>1</sup> Includes the Colorado River Agency, Tohono O'Odham Nation and San Carlos Irrigation Project.

 $<sup>^{2}</sup>$  Includes the Fort Mohave Indian Tribe.

### **Summary by State**

		FY 2001			FY 2000			
State	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona	16	2	3	21	13	3	5	21
California	4	0	6	10	4	1	4	9
Colorado	0	0	1	1	0	0	1	1
Connecticut	0	0	1	1	0	0	1	1
Idaho	0	0	1	1	0	0	1	1
Minnesota	0	0	1	1	0	0	1	1
Missouri	0	0	1	1	0	0	1	1
New Mexico	0	0	2	2	0	0	1	1
Nevada	3	0	1	4	3	0	1	4
North Dakota	0	0	1	1	0	0	0	0
Ohio	0	0	0	0	0	0	1	1
Oregon	0	0	1	1	0	0	1	1
Utah	0	0	1	1	0	0	1	1
Canada	0	0	0	0	0	0	1	1
Total	23	2	20	45	20	4	20	44

# **Summary by Customer Category**

	FY 2001			FY 2000				
Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities	5	0	4	9	5	0	3	8
Cooperatives	2	1	2	5	0	1	1	2
Federal agencies <sup>1</sup>	12	0	1	13	10	2	1	13
State agencies	1	1	2	4	1	1	1	3
Irrigation districts	3	0	0	3	4	0	0	4
Investor-owned utilities	0	0	7	7	0	0	9	9
Power marketers	0	0	3	3	0	0	4	4
Public utilities district	0	0	1	1	0	0	1	1
Subtotal	23	2	20	45	20	4	20	44
Project use sales	2	0	0	2	2	0	O	2
Subtotal	25	2	20	47	22	4	20	46
Interproject sales	0	0	0	0	0	0	2	2
Total	25	2	20	47	22	4	22	48

<sup>&</sup>lt;sup>1</sup> Includes the Colorado River Agency, Tohono O'Odham Nation, San Carlos Irrigation Project and the Fort Mohave Indian Tribe.

<b>Purchased Power</b>	FY 2	2001	FY 2000		
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)	
NonWestern suppliers					
Arizona Electric Power Co.	0	0	10	0	
Public Service Co. of New Mexico	0	0	40	1	
Salt River Project	0	0	1,248	94	
Municipal Energy Agency of Nebraska	0	0	240	19	
Tucson Electric Power	0	0	90	5	
PowerEx	0	0	25	0	
Arizona Public Service	0	0	230	28	
Subtotal nonWestern suppliers	0	0	1,883	147	
Western suppliers					
Salt Lake City Area/Integrated Projects <sup>1</sup>	0	0	365	17	
Subtotal	0	0	365	17	
Total	0	0	2,248	164	

<sup>&</sup>lt;sup>1</sup> Purchased power was financed through an interagency agreement and did not use appropriated funds.

#### **Transmission Revenues**

Transmission service	Revenue (\$)	Revenue (\$)	
Long-term firm point-to-point transmission service	23,787,981	20,585,124	
Nonfirm point-to-point transmission service	6,358,956	1,640,665	
Parker-Davis Project total	30,146,937	22,225,789	

## **Ancillary Services Revenues**

Ancillary service	Revenue (\$)	Revenue (\$)	
Scheduling and dispatch service	77,328	64,440	
Operating reserves – spinning	91,860	<i>7</i> 6,565	
Parker-Davis Project total	169,188	141,005	

### **Power Sales and Revenue**

	Contract rate	Contract rate of delivery		2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities						
Arizona						
Fredonia	1,577	1,342	11,309	28,387	9,273	43,980
Thatcher	350	250	2,348	5,904	2,072	9,527
Mesa	10,450	8,000	62,279	166,344	51,291	260,191
Wickenburg	1,837	1,530	12,400	31,807	10,550	50,049
Subtotal Arizona			88,336	232,442	73,186	363,748
California			0	0	0	0
Anaheim Burbank			3,054	0	0	0
Colton			3,054	11 <i>7</i> ,041 0	0	0
Glendale			0	0	0	0
Los Angeles Dept. of Water & Power			8,213	418,215	19,739	364,558
Needles	5,100	4,064	32,300	84,540	26,261	131,057
Riverside	3,100	4,004	32,300	04,540	20,201	131,037
Pasedena			0	0	0	0
Subtotal California			43,567	619,796	46,000	495,615
Colorado						
Colorado Springs Utilities			0	0	330	8,140
Subtotal Colorado			0	0	330	8,140
New Mexico			40	5 / 00	•	
Farmington			40	5,600	0	0
Subtotal New Mexico			40	5,600	0	0
Utah			0	0	0	^
Utah Associated Municipal Power Utah Municipal Power Agency			0 680	31,600	0 1,525	0 22,690
Subtotal Utah			680	31,600	1,525	22,690
Total municipalities			132,623	889,438	121,042	890,193
Cooperatives			•	,	•	•
Arizona						
Arizona Electric Power Coop	23,800	18,400	131,625	402,294	124,595	899,087
Resource Management Services	•	,	0	0	968	29,916
Subtotal Arizona			131,625	402,294	125,563	929,003
Colorado						
Rocky Mtn Generation Coop.			20	600	0	0
Subtotal Colorado			20	600	0	0
North Dakota			2.40	27200	0	0
Basin Electric Power Coop			248	37,200	0	0
Subtotal North Dakota			248	37,200	0	0
Total cooperatives			131,893	440,094	125,563	929,003

# Power Sales and Revenue, continued

	Contract rate of delivery			2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Federal agencies						
Arizona						
Colorado River Agency–BIA	8,900	5,940	51,716	136,856	42,464	217,278
San Carlos Project—BIA	1 <i>7</i> ,185	13,130	93,274	259,842	81,783	425,331
Gila Bend Air Force Auxiliary	394	395	2,867	7,350	2,522	11,856
Luke Air Force Base	2,235	2,227	16,831	42,475	14,130	66,700
Marine Corps Air Station	2,157	1,795	14,658	37,489	12,188	58,649
Tohono O'Odham Nation	2,887	2,353	19,175	49,355	15,650	<i>7</i> 6,508
Yuma Desalting Plant/USBR Proj Office			1,558	93,914	1,683	69,505
Yuma Proving Ground	5,235	4,080	25,393	74,915	26,671	133,272
Subtotal Arizona			225,472	702,197	197,092	1,059,099
California						
Ft. Mohave Indian Tribe	1,970	1,200	12,814	31,956	10,793	61,570
Edwards Air Force Base	18,285	14,630	101,232	281,579	88,269	455,027
March Air Force Base	4,570	4,113	22,730	68,028	22,730	118,030
Subtotal California			136,776	381,564	121,792	634,627
Nevada						
Nellis Air Force Base	2,887	2,630	14,884	43,861	14,413	<i>7</i> 4,881
Nevada Operations Office–DOE	2,244	2,178	15,493	40,373	12,878	63,280
Subtotal Nevada			30,377	84,233	27,291	138,162
Total Federal agencies			392,625	1,167,994	346,174	1,831,887
State Agencies Arizona						
Arizona Power Pool Assn.			0	0	0	0
Central Arizona Water Conservation			0	0	0	0
Salt River Project	31,700	22,500	1 <i>78,97</i> 9	655,891	156,254	930,564
Subtotal Arizona	31,700	22,300				<del></del>
California			178,979	655,891	156,254	930,564
Metropolitan Water Dist of So. Calif.			210	4,200	14,521	243,109
California Dept of Water Resources			875	194,000	14,521	243,109
Subtotal California			1,085	198,200	14,521	243,109
Nevada			-,	,	,	,
Colorado River Commission	56,950	41,010	270,431	795,347	266,094	1,368,703
Subtotal Nevada			270,431	795,347	266,094	1,368,703
Total state agencies			450,495	1,649,438	436,869	2,542,376
Public utility districts California						
Sacramento Municipal Utility District			0	0	400	16,650
Subtotal California			0	0	400	16,650
Total public utility districts			0	0	400	16,650
Irrigation districts						
Arizona						
ED-1 & ED-3 (APA) Pinal	5,200	4,230	33,002	85,598	28,515	134,386
Wellton-Mohawk Iⅅ & (PUP) 1	39,000	31,544	15,332	44,896	16,539	82,556
Yuma Cty Water Users (PUP)	4,600	3,729	0	0	0	0
Yuma Irrigation District	960	780	2,696	10,920	1,223	15,156
Subtotal Arizona			51,030	141,414	46,277	232,099
California Imperial Irrigation District	32,550	26,300	182,384	505,330	157,080	811,333
Subtotal California	·		182,384	505,330	157,080	811,333
Total irrigation districts			233,414	646,744	203,357	1,043,432
•			•	•	•	• •

# Power Sales and Revenue, continued

	Contract rate of delivery		FY 2	2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Investor-owned utilities						
<b>Arizona</b> Arizona Public Service Co.			100	400	2,870	152,705
Griffith Energy			8	1,000	58	8,360
Tucson Electric Power Co.			0	0	1,450	42,350
Subtotal Arizona			108	1,400	4,378	203,415
<b>Idaho</b> Idaho Power Co.			3,450	90,350	15,792	332,089
Subtotal Idaho			3,450	90,350	15,792	332,089
New Mexico						
Public Service Co. of New Mexico			6,283	394,275	6,605	162,639
Subtotal New Mexico			6,283	394,275	6,605	162,639
<b>Nevada</b> Nevada Power Company			350	13,500	6,010	165,575
Subtotal Nevada			350	13,500	6,010	165,575
Ohio C			•	0	700	05.747
American Electric Power Service			0	0	799	25,747
Subtotal Ohio			0	0	799	25,747
<b>Oregon</b> PacifiCorp			359	5,736	2,025	60,225
Subtotal Oregon			359	5,736	2,025	60,225
Total investor-owned			10,550	505,261	35,609	949,689
Power marketers						
California California Independent Service			825	177,827		
California Power Exchange			7,805	575,084	69,721	3,248,323
Subtotal California			8,630	752,911	69,721	3,248,323
Canada PowerEx			0	0	3,150	57,900
Subtotal Canada			<u>0</u>	<u>_</u>	3,150	57,900
Connecticut			· ·	· ·	3,130	37,700
Sempra Energy Trading			700	20,700	100	15,000
Subtotal Connecticut			700	20,700	100	15,000
Minnesota						
Cargill-Alliant			1,911	117,491	1,014	41,968
Subtotal Minnesota			1,911	117,491	1,014	41,968
<b>Missouri</b> Aquila			50	1,000	4,945	113,865
Subtotal Missouri			50	1,000	4,945	113,865
Total power marketers			11,291	892,102	78,930	3,477,056
Parker-Davis subtotal			1,362,891	6,191,072	1,347,945	11,680,286
Project use sales Interproject sales			197,918	585,863	182,652	1,009,621
Colorado						
Loveland Area Projects SLCA/IP			225 8,422	23,250 352,863	200 49,001	4,725 2,096,244
Subtotal Colorado			8,647	376,113	49,201	2,100,969
Total interproject sales			8,647	376,113	49,201	2,100,969
Parker-Davis Project total			1,569,456	7,153,048	1,579,798	14,790,876

 $<sup>^{\</sup>rm 1}$  Does not include transmission revenue associated with these sales.

 $<sup>^2</sup>$  Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

# **Parker-Davis Project**

Status of Repayment
Cumulative activities as of Sept. 30, 2001
(Dollars in thousands)

	Cumulative 2000	Adjustments 1	Annual 2001	Cumulative 2001
Revenue:				
Gross operating revenue	851,249	129 <sup>2</sup>	42,017	893,395
Income transfers (net)	(1,650)	0	(555)	(2,205)
Total operating revenue	849,599	129	41,462	891,190
Expenses:		_		
O & M and other	440,174	(1,204) 2	20,052	459,022
Purchase power and other Interest	23,166	(79) <sup>2</sup>	710	23,797
Federally financed	157,035	(100) 2	12,208	169,143
Non-Federally financed	0	0	0	0
Total interest	157,035	(100)	12,208	169,143
Total expense	620,375	(1,383)	32,970	651,962
(Deficit)/Surplus revenue	8,520	1,207	6,823	16,550
Investment:				
Federally financed power	348,163	(6,517) <sup>2</sup>	13,196	354,842
Non-Federally financed power	0	2,001 <sup>2</sup>	<i>7</i> 56	2,757
Federally financed nonpower	<i>27</i> ,110	60 <sup>2</sup>	3,462	30,632
Non-Federally financed nonpower	397	6 <sup>2</sup>	153	556
Total investment	375,670	(4,450)	17,567	388,787
Investment repaid:				
Federally financed power	193,537	(1,702) 2	<i>7</i> 60	192,595
Non-Federally financed power	0	2,001 <sup>2</sup>	756	2,757
Federally financed Nonpower	26,770	0	0	26,770
Non-Federally financed Nonpower	397	6 <sup>2</sup>	153	556
Total investment repaid	220,704	305	1,669	222,678
Investment unpaid:				
Federally financed power	154,626	(4,815) <sup>2</sup>	12,436	162,247
Non-Federally financed power	0	0	0	0
Federally financed nonpower	340	60 <sup>2</sup>	3,462	3,862
Non-Federally financed nonpower	0	0	0	0
Total investment unpaid	154,966	(4,755)	15,898	166,109
Percent of investment repaid	to date:			
Federal power	55.59%			54.28%
Non-Federal power	N/A			100.00%
Federally financed nonpower	98.76%			87.39%
Non-Federally financed nonpower	100%			100.00%

<sup>&</sup>lt;sup>1</sup> This column ties to the cumulative FY 2000 numbers on page 107 of the FY 2000 Operations Summary.

2 Adjustment reflects the FY 1999 and FY 2000 audited financial statements and rounding.

#### Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

as of September 30, 200	o ana i / /	2000	,		1999		
Assets	Western	Reclamation	Total	Western	Reclamation	Total	
Utility plant:							
Completed plant	\$ 253,406	78,459	331,865	\$ 249,991	78,460	328,451	
Accumulated depreciation	(98,995)	(77,739)	(176,734)	(91,796)	(77,740)	(169,536	
	154,411	720	155,131	158,195	720	158,915	
Construction work in progress	28,226	0	28,226	21,056	0	21,056	
Net utility plant	182,637	720	183,357	179,251	720	179,971	
Cash	18,198	5,070	23,268	18,730	6,078	24,808	
Accounts receivable	13,508	0	13,508	<i>7</i> ,1 <i>7</i> 8	32	7,210	
Other assets	21,412	1,551	22,963	24,551	918	25,469	
Total assets	235,755	7,341	243,096	229,710	7,748	237,458	
Federal investment and liabiliti	es	<del></del>			<del></del>		
Congressional appropriations	502,605	293,346	<i>7</i> 95.951	480.781	295,000	775,781	
Interest on Federal investment	158,894	34,716	193,610	145,258	34,717	179,975	
Transfer of property & services, net	110,425	(111,879)	(1,454)	110,629	(111,879)	(1,250	
Gross Federal investment	771,924	216,183	988,107	736,668	217,838	954,506	
Funds returned to U.S. Treasury	(565,834)	(230,177)	(796,011)	(537,860)	(230,164)	(768,024	
Net outstanding Federal investment	206,090	(13,994)	192,096	198,808	(12,326)	186,482	
Accumulated net revenues/(deficit)	4,357	18,759	23,116	8,890	17,923	26,813	
<b>Total Federal investment</b>	210,447	4,765	215,212	207,698	5,597	213,295	
Commitments and contingencies <b>Liabilities:</b>							
Accounts payable	2,336	525	2,861	3,009	1,049	4,058	
Other liabilities	22,972	2,051	25,023	19,003	1,102	20,105	
Total liabilities	25,308	2,576	27,884	22,012	2,151	24,163	
Total Federal investment & liabilities	\$ 235,755	7,341	243,096	\$ 229,710	7,748	237,458	

#### Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000 and 1999 (in thousands)

,	2000				1999			
	Western	Reclamation	Total	Western	Reclamation	Total		
Operating revenues:								
Sales of electric power Other operating income	\$ 14,791 27,404	0 13	14,791 27,417	10,650 28,227	0 13	10,650 28,240		
1 0								
Gross operating revenues Income transfers, net	42,195 (8,815)	13 6,868	42,208 (1,947)	38,877 (4,865)	13 3,451	38,890 (1,414)		
Total operating revenues	33,380	6,881	40,261	34,012	3,464	37,476		
Operating expenses:								
Operation and maintenance	14,066	2,452	16,518	12,299	3,653	15,952		
Administration and general	3,825	3,592	7,417	3,242	797	4,039		
Purchased power	245	0	245	104	0	104		
Depreciation	<i>7</i> ,198	0	<i>7</i> ,198	3,336	15,165	18,501		
Total operating expenses	25,334	6,044	31,378	18,981	19,615	38,596		
Net operating revenues/(deficit)	8,046	837	8,883	15,031	(16,151)	(1,120)		
Interest on Federal investment:								
Interest on Federal investment Allowance for funds used	13,636	1	13,637	12,513	0	12,513		
during construction	(1,057)	0	(1,057)	(868)	0	(868)		
Net interest expense	12,579	1	12,580	11,645	0	11,645		
Net revenues/(deficit) Accumulated net revenues:	(4,533)	836	(3,697)	3,386	(16,151)	(12,765)		
Balance beginning of year	8,890	17,923	26,813	5,504	34,074	39,578		
Balance end of year	\$ 4,357	18,759	\$ 23,116	8,890	17,923	26,813		

# Pick-Sloan Missouri Basin Program

he Pick-Sloan Missouri Basin Program was authorized by Congress in 1944. The multipurpose program provides flood control, irrigation, navigation, recreation, preservation and enhancement of fish and wildlife and power generation. Pick-Sloan power is marketed by two Western regions—Upper Great Plains and Rocky Mountain.

Seven dams and powerplants on the Missouri River produce hydroelectric power for the Eastern Division of the Pick-Sloan. They are: Canyon Ferry in western Montana; Fort Peck at Fort Peck, Mont.; Garrison at Riverdale, N.D.; Oahe at Pierre, S.D.; Big Bend at Fort Thompson, S.D., and Fort Randall and Gavins Point in southern South Dakota. Yellowtail Dam on the Bighorn River in south central Montana produces power for both the Eastern and Western divisions. Including one-half of Yellowtail, Eastern Division powerplants generate more than 10 million kWh in an average year.

The Bureau of Reclamation operates 16 powerplants in the Pick-Sloan-Western Division. Most of these plants are associated with irrigation-based projects that have reached advanced stages of development. Western Division power is marketed through the Loveland Area Projects by Western's Rocky Mountain Region.

#### **Eastern Division**

In FY 2001, the Upper Great Plains saw below-average generation of 7.0 billion kWh. This required Western to purchase 3.5 billion kWh at a cost of \$137.7 million to support its firm power contracts. This was mitigated to a certain extent by sales of \$81.8 million in the surplus market for the region. This excludes Joint Marketing Plan transactions of 1.4 billion kWh at \$76.5 million for the other JMP parties. The outlook for FY 2002 generation was below average as of Oct. 1, 2001.

High levels of generation over the past several years have allowed Pick-Sloan to maintain its firm power rate since 1995. On July 10, 2000, Western published a *Federal Register* notice extending the current firm composite rate of 14.23 mills per kWh through Sept. 30, 2003.

The Upper Great Plains Region serves customers across more than 378,000 square miles in the northern Rocky Mountain and western plains states. Power is delivered through 98 substations, across about 7,745 miles of Federal transmission lines, which connect with other regional transmission systems.

The region's 300-plus customers include rural electric cooperatives, municipalities, public utility districts, irrigation districts and Federal and state agencies. Surplus power is sold to a variety of suppliers, including investor-owned utilities and power marketers, as well as preference customers.

The Eastern Division of Pick-Sloan is interconnected with Southwestern Power Administration at Maryville, Mo. Through our participation in the Mid-Continent Area Power Pool, the Upper Great Plains Region sells power to MAPP utilities at MAPP transmission rates. In addition, in FY 1998 the Upper Great Plains Region combined its transmission facilities with those of Basin Electric Power Cooperative and Heartland Consumers Power District to form the Integrated System. This allows the region, as well as other transmission users, to transmit power and energy across these entities' transmission facilities using a single Integrated System transmission rate.

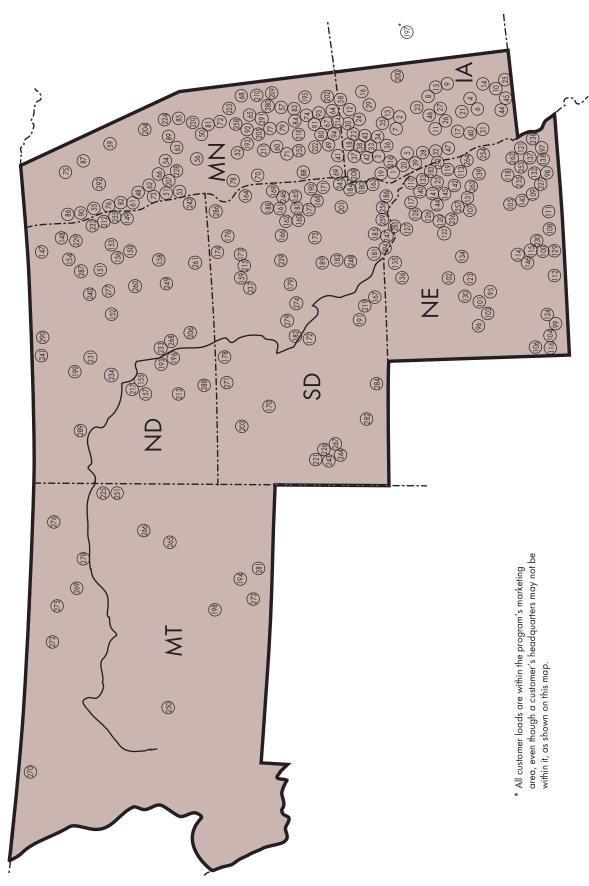
Starting Jan. 1, 2001, Western began delivering power and energy to new utility customers and to Native American tribes that received allocations from the Post-2000 Resource Pool. Tribes received the benefits of their allocations through a bill crediting program. Annually, about 3.3 million kWh of

Federal hydropower were delivered to Indian reservations across the Upper Great Plains Region by 45 electric cooperatives, four municipal systems, four investor-owned utilities and six public power districts. The bill crediting program saved tribal consumers about \$4,355,000 annually in energy costs.

Major facilities in the Eastern Division marketing area include an operations office and dispatch center in Watertown, S.D., where power delivery is managed and operated to ensure system reliability. Three maintenance offices oversee 12 line crews and eight substation crews in operating and maintaining the Eastern Division's extensive transmission system. They are located in Bismarck, N.D.; Huron, S.D.; and Fort Peck, Mont. Miles City, Mont., is home to the region's back-to-back direct current converter station. The station can receive alternating current from either the eastern or western power system, convert it into direct current and deliver alternating current into the opposing system. The Upper Great Plains regional office, located in Billings, Mont., manages this converter station.

# Pick-Sloan Missouri Basin Program

Firm Power Customers and Marketing Area



Municipalities	62 Hawley	125 Pender	187 Volga	243 Black Hills State UnivSpearfish
lowa	63 Henning	126 Pierce	188 Watertown	244 SD School of Mines & Tech
1 Akron	64 Jackson	127 Plainview	189 Wessington Springs	245 SD State Penitentiary-Sioux Falls
2 Alta	65 Kandiyohi	128 Randolph	190 White	246 SD State University-Brookings
3 Alton	66 Lake Park	129 Red Cloud	191 Winner	247 Mike Durfee State Prison-Springfield
4 Anita	67 Lakefield	130 Sargent	Demail also this as a manualines	248 SD State Training School-
5 Anthon	68 Litchfield	131 Schuyler	Rural electric cooperatives	Plankinton, SD
6 Atlantic	69 Luverne	132 Shickley	192 Agralite Electric Coop.	249 ND State Hospital-Jamestown
7 Aurelia	70 Madison	133 South Sioux City	193 Basin Electric Power Coop.	250 MT State Water Con. Bd Helena
8 Breda	71 Marshall 72 Melrose	134 Spalding	194 Big Horn County Electric Coop.	251 MT State Water Con. Bd. – Sidney
9 Coon Rapids	72 Meirose 73 Moorhead	135 Spencer 136 Stuart	195 Brown County Rural Electric	252 Southwest State University, MN
10 Corning	74 Mountain Lake		<ul><li>196 Capital Electric Coop.</li><li>197 Central Iowa Power Coop.</li></ul>	253 Univ. of Nebraska-Lincoln
11 Denison 12 Esterville	75 Newfolden	137 Syracuse 138 Tecumseh	198 Central Montana Electric Power	254 Univ. of Nebraska-Omaha
13 Fonda	76 Nielsville	139 Wahoo	Coop.	255 Univ. of ND-Grand Forks 256 Univ. of SD-Vermillion
14 Fontanelle	77 Olivia	140 Wakefield	199 Central Power Electric Coop.	257 Wayne State College
15 Glidden	78 Ortonville	141 Wayne	200 Corn Belt Power Coop.	258 Willmar Regional Treatment Center
16 Graettinger	79 Redwood Falls	142 West Point	201 East River Electric Power Coop.	259 SD Human Services Center-Yankton
17 Harlan	80 St. James	143 Wilber	202 Federated Rural Electric Assn.	260 Burleigh Water Users
18 Hartley	81 Sauk Centre	144 Winside	203 Grand Electric Coop.	261 Dickey Rural Water Project
19 Hawarden	82 Shelly	145 Wisner	204 Itasca-Mantrap Coop. Electric Assn.	201 Dickey Rolal Waler Hojeci
20 Hinton	83 Sleepy Eye	146 Wood River	205 Kandiyohi Coop. Elec. Power Assn.	Public utility districts
21 Kimballton	84 Springfield	North Dakota	206 KEM Électric Coop.	262 Municipal Energy Agency of Nebraska
22 Lake Park	85 Staples	147 Cavalier	207 Lake Region Coop.	263 Nebraska Public Power District
23 Lake View	86 Stephen	148 Grafton	208 L&O Power Coop.	264 Omaha Public Power District
24 Laurens	87 Thief River Falls	149 Hillsboro	209 McLeod Coop. Power	
25 Lenox	88 Tyler	150 Hope	210 Meeker Coop. Light and Power	Irrigation districts
26 Manilla	89 Wadena	151 Lakota	211 Minnesota Valley Coop.	265 Kinsey ID
27 Manning	90 Warren	152 Maddock	212 Minnkota Power Coop.	266 Hammond Pump
28 Mapleton	91 Westbrook	153 Northwood	213 Mor-Gran-Sou Electric Coop.	267 Prairie County Water & Sewer
29 Marathon	92 Willmar	154 Park River	214 Nobles Cooperative Electric	Dist. No. 2
30 Milford	93 Windom	155 Riverdale	215 Northern Electric Coop.	268 Garrison Diversion Conservancy
31 Neola	94 Worthington	156 Sharon	216 Northwest Iowa Power Coop.	District
32 Onawa	Nebraska	157 Stanton	217 Oliver-Mercer Electric Coop.	
33 Orange City	95 Ansley	158 Valley City	218 Redwood Electric Coop.	Native American tribes
34 Paullina	96 Arnold	South Dakota	219 Rosebud Electric Coop.	269 3-Mile Pump-BIA
35 Primghar	97 Auburn	159 Aberdeen	220 Runestone Electric Assn.	270 Blackfeet
36 Remsen	98 Beatrice	160 Arlington	221 Rushmore Electric Power Coop.	271 Cheyenne River Sioux
37 Rock Rapids	99 Beaver City	161 Aurora	222 South Central Electric Assn.	272 Chippewa-Cree
38 Sanborn	100 Blue Hill	162 Badger	223 Stearns Cooperative Electric Assn.	273 Crow
39 Sergent Bluff	101 Broken Bow 102 Burwell	163 Beresford	224 Todd-Wadens Electric Coop.	274 Crow Creek Sioux
40 Shelby	103 Callaway	164 Big Stone City	225 Upper Missouri G&T Electric Coop	275 Fort Belknap Community Council
41 Sibley	104 Cambridge	165 Brookings 166 Bryant	Federal agency	276 Fort Peck Assiniboine & Sioux
42 Sioux Center 43 Spencer	104 Callibriage	167 Burke	226 Ellsworth Air Force Base	277 Fort Totten/Belcourt-BIA 278 Frazer & Valley-BIA
44 Stanton	106 Curtis	168 Colman	220 Elisworiii 7 (ii Force Buse	279 Lower Brule Sioux
45 Villisca	107 David City	169 Estelline	State agencies	280 Lower Sioux
46 Wall Lake	108 Deshler	170 Faith	227 Beatrice State Dev. Ctr.	281 Northern Cheyenne
47 Woodbine	109 DeWitt	171 Flandreau	228 Fergus Falls State Hospital	282 Oglala Sioux
Minnesota	110 Emerson	172 Fort Pierre	229 Grafton State School	283 Omaha
48 Ada	111 Fairbury	173 Groton	230 Hastings Regional Center	284 Rosebud Sioux
49 Adrian	112 Franklin	174 Hecla	231 McLean-Sheridan Rural Water	285 Santee Sioux
50 Alexandria	113 Fremont	175 Howard	232 ND Mill & Elevator	286 Sisseton-Wahpeton Sioux
51 Barnesville	114 Grand Island	176 Langford	233 ND State Water Commission -	287 Spirit Lake Sioux
52 Benson	115 Hastings	177 Madison	SW Pipeline Project	288 Standing Rock Sioux
53 Breckenridge	116 Indianola	178 McLaughlin	234 Missouri West	289 Three Affiliated Tribes
54 Detroit Lakes	117 Laurel	179 Miller	235 Nebraska State Penitentiary	290 Turtle Mountain Band of Ojibway
55 East Grand Forks	118 Lincoln	180 Parker	236 Norfolk Regional Center	291 Upper Sioux
56 Elbow Lake	119 Lyons	181 Pickstown	237 Northern State University-Aberdeen	292 White Earth Band of Anishinabe
57 Fairfax	120 Madison	182 Pierre	238 Peru State College	293 Winnebago
58 Fairmont	121 Nebraska City	183 Plankinton	239 SD Development Center	294 Yankton Sioux
59 Fosston	122 Neligh	184 Sioux Falls	240 ND School for the Deaf	
60 Granite Falls	100 0 1			
61 Halstad	123 Ord 124 Oxford	185 Tyndall 186 Vermillion	<ul><li>241 ND State University-Bottineau</li><li>242 ND State School of Science-Wahpeton</li></ul>	

## **Energy Resource and Disposition** Facilities and Substations

	(	GWh)		FY 2001	FY 2000
Energy resources	FY 2001	FY 2000	Substations		
Net generation	6,969	10,979	Number of substations	98	98
Interchange			Number of transformers	123	123
Received	58	53	Transformer capacity (kVA)	8,104,653	8,104,653
Delivered	4	26	Land (fee)		
Net	54	27	Acres	1,601.00	1,597.16
Purchases			Hectares	648.18	646.62
NonWestern	4,882	2,834	Land (easement)		
Total purchases	4,882	2,834	Acres	21.86	21.86
			Hectares	8.85	8.85
Total energy resources	11,905	13,840	Land (withdrawal)		
Energy disposition			Acres	22.93 <sup>2</sup>	20.98 <sup>2</sup>
Sales of electric energy			Hectares	9.28 <sup>2</sup>	8.49 <sup>2</sup>
Western sales	11,176	12,919	<b>Buildings and communications</b>	sites	
Project use sales	35	42	Number of buildings	185	185
Total energy sales	11,211	12,961	Number of communications sites	148	148
ioiai oiioig, oaioo	,	,,,,,,,	Land (fee)		
Other			Acres	168.81	168.81
Interproject sales	106	101	Hectares	68.34	68.34
Total other	106	101	Land (easement)		
			Acres	197.21	188.68
Total energy delivered	11,31 <i>7</i>	13,062	Hectares	79.84	<i>7</i> 6.39
System and	500	770	Land (withdrawal)		
contractual losses	588	778	Acres	0.00	1.53
Total energy disposition	11,905	13,840	Hectares	0.00	0.62

<sup>&</sup>lt;sup>1</sup> These totals include Joint Marketing Plan sales of 1,361,314 MWh and \$76,540,104 for FY 2001 and 1,955,727 MWh and \$41,289,280 for FY 2000.

#### **Transmission Lines**

	lo	owa	Minn	esota	Miss	souri	Mor	itana
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
345-kV								
Circuit miles	20.33	20.33	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	32.71	32.71	0.00	0.00	0.00	0.00	0.00	0.00
Acres	358.21	358.21	0.00	0.00	0.00	0.00	0.00	0.00
Hectares	145.02	145.02	0.00	0.00	0.00	0.00	0.00	0.00
230-kV								
Circuit miles	164.52	164.52	247.33	247.33	0.00	0.00	559.95	559.95
Circuit kilometers	264.71	264.71	397.95	397.95	0.00	0.00	900.96	900.96
Acres	2,053.52	2,053.52	3,087.66	3,087.66	0.00	0.00	8,285.06	8,285.06
Hectares	831.39	831.39	1,250.07	1,250.07	0.00	0.00	3,354.28	3,354.28
161-kV								
Circuit miles	192.23	192.23	0.00	0.00	1 <i>7</i> .95	17.95	283.28	283.28
Circuit kilometers	309.30	309.30	0.00	0.00	28.88	28.88	455.80	455.80
Acres	2,321.05	2,321.05	0.00	0.00	219.74	219. <i>7</i> 4	4,221.85	4,433.06
Hectares	939.70	939.70	0.00	0.00	88.96	88.96	1,709.25	1,794.77
115-kV								
Circuit miles	0.00	0.00	14.99	14.99	0.00	0.00	514.29	514.39
Circuit kilometers	0.00	0.00	24.12	24.12	0.00	0.00	827.49	827.65
Acres	0.00	0.00	149.85	149.85	0.00	0.00	6,263.76	6,495.91
Hectares	0.00	0.00	60.67	60.67	0.00	0.00	2,535.94	2,629.93
100-kV								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	14.92	14.92
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	24.01	24.01 <sup>1</sup>
Acres	0.00	0.00	0.00	0.00	0.00	0.00	125.14	125.14
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	50.66	50.66
69-kV and below								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	71.36	71.36
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	114.82	114.82
Acres	0.00	0.00	1.73	1.73 <sup>1</sup>	0.00	0.00	596.81	597.02
Hectares	0.00	0.00	0.70	0.70 1	0.00	0.00	241.62	241.71
Totals								
Circuit miles	377.08	377.08	262.32	262.32	1 <i>7</i> .95	17.95	1,443.80	1,443.90
Circuit kilometers	606.72	606.72	422.07	422.07	28.88	28.88	2,299.07	2,327.26
Acres	4,732.78	4,732.78	3,239.24	3,239.24	219.74	219. <i>7</i> 4	19,492.62	19,936.19
Hectares	1,916.11	1,916.11	1,311.44	1,311.44	88.96	88.96	7,891.77	8,071.35

Prior-year data is restated to correct a calculation error in the FY 2000 Operations Summary.

## Transmission Lines, continued

	Neb	oraska	North	Dakota	South	Dakota	To	otal
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
345-kV								
Circuit miles	136.99	136.99	40.74	40.74	260.33	260.33	458.39	458.39
Circuit kilometers	220.42	220.42	65.55	65.55	418.87	418.87	737.55	737.55
Acres	2,500.53	2,500.53	0.00	0.00	5,061.84	5,058.30	7,920.58	7,917.04
Hectares	1,012.36	1,012.36	0.00	0.00	2,049.33	2,047.90	3,206.72	3,205.29
230-kV								
Circuit miles	0.00	0.00	983.30	983.30	1, <i>7</i> 66.12	1,766.12	3,721.22	3,721.22
Circuit kilometers	0.00	0.00	1,582.13	1,582.13	2,841.69	2,841.69	5,987.44	5,987.44
Acres	0.00	0.00	13,071.06	13,067.32	17,274.00	17,228.77	43,771.30	43,722.33
Hectares	0.00	0.00	5,291.94	5,290.42	6,993.54	6,975.23	17,721.21	17,701.39
161-kV								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	493.46	493.46
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	<i>7</i> 93.98	793.98
Acres	0.00	0.00	0.00	0.00	0.00	0.00	6,762.64	6,973.85
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	2,737.92	2,823.43
115-kV								
Circuit miles	71.74	71.74	884.96	1,884.96	1,343.87	1,343.15	2,829.85	2,829.85 1
Circuit kilometers	115.43	115.43	1,423.90	1,423.90	2,162.29	2,162.29 <sup>1</sup>	4,553.23	4,553.23 <sup>1</sup>
Acres	524.62	524.62	9,874.95	10,816.40	12,201.50	12,190.09	29,014.68	30,176.87
Hectares	212.40	212.40	3,997.96	4,379.12	4,939.89	4,935.27	11, <i>7</i> 46.86	12,217.38
100-kV <sup>1</sup>								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	14.92	14.92 <sup>1</sup>
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	24.01	24.01 1
Acres	0.00	0.00 1	0.00	0.00	0.00	0.00	125.14	125.14
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	50.66	50.66
69-kV and below								
Circuit miles	0.00	0.00	148.36	148.36	7.06	7.06	226.78	226.78
Circuit kilometers	0.00	0.00	238.71	238.71	11.36	11.36	364.89	364.89
Acres	0.00	0.00	1,373.84	1,370.05	2.17	2.17	1,974.55	1,970.76
Hectares	0.00	0.00	556.21	554.68	0.88	0.88	799.41	797.88
Totals								
Circuit miles	208.73	208.73	2,057.36	2,057.36	3,377.38	3,377.38 <sup>1</sup>	7,744.62	7,744.62 <sup>1</sup>
Circuit kilometers	335.85	335.85	3,310.29	3,310.29 <sup>1</sup>	5,434.20	5,434.20	12,461.24	12,462.20 <sup>1</sup>
Acres	3,025.15	3,025.15	24,319.85	25,253.77	34,539.51	34,479.33	89,568.89	90,885.97
Hectares	1,224.76	1,224.76	9,846.12	10,224.22	13,983.64	13,959.27	36,262.79	36,796.03

<sup>&</sup>lt;sup>1</sup> Prior-year data is restated to correct a calculation error.

#### **Powerplants**

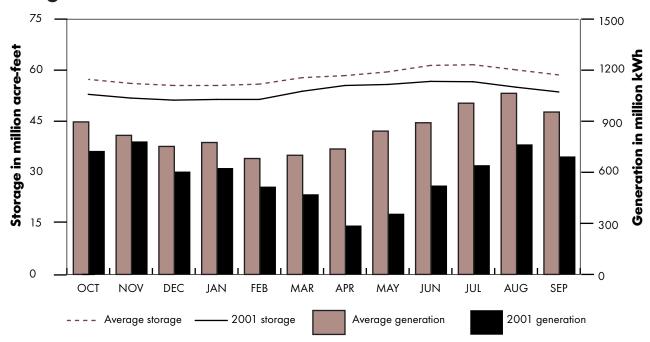
Project/state/ Operating			Initial in-service	Existing number	Installed capability <sup>1</sup>		tual pability (MW)	Not gonorgi	tion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
Pick-Sloan—Easte	ern Division								
Montana									
Canyon Fery	Reclamation	Missouri	Dec 53	3	60	60	60	244	310
Fort Peck	Corps	Missouri	Jul 43	5	218	196	207	<i>7</i> 53	913
Yellowtail <sup>3</sup>	Reclamation	Big Horn	Aug 66	2	144	131	139	256	362
North Dakota									
Garrison	Corps	Missouri	Jan 56	5	546	366	474	1,496	2,176
South Dakota	·								
Big Bend	Corps	Missouri	Oct 64	8	538	478	498	645	1,1 <i>57</i>
Fort Randall	Corps	Missouri	Mar 54	8	387	364	353	1,246	2,062
Gavins Point	Corps	Missouri	Sep 56	3	122	109	110	633	849
Oahe	Corps	Missouri	Apr 62	7	786	716	703	1,697	3,149
Pick-Sloan—Easte	ern Division Tota	I		41	2,801	2,420	2,544	6,969	10,979

Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit and independent of

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

RM and UGP each market half of the plant capability and energy.

### **Storage and Generation**



#### **Firm Power Rate Provisions**

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2001	P-SED-F6	\$3.20	8.32 mills/kWh for all energy 3.38 mills/kWh for all energy above 60% load factor	10/1/94	14.23 mills/kWh

#### **Transmission and Ancillary Services Rate Provisions**

year	designation	Rate
9/1/00 -4/30/01	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of \$102,457,147
	Integrated System Firm Point-to-Point Rate	\$3.09/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	4.23 mills/kWh
	Regulation and Frequency Response Service	.05KW-Mo
	Operating Reserve – Spinning Reserve Service	.12/KW-Mo
	Operating Reserve – Supplemental Reserve Service	.12/KW-Mo
	Scheduling, System Control and Dispatch Service	\$73.90/schedule/day
	Reactive Supply & Voltage Control Service	.07/KW-Mo
5/1/01 -9/30/01	Integrated System Network Transmission Rate	Load ratio share of annual revenue requirements of \$103,176,916
	Integrated System Firm Point-to-Point Rate	\$2.95/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	4.04 mills/kWh
	Regulation and Frequency Response Service	.04KW-Mo
	Operating Reserve – Spinning Reserve Service	.11/KW-Mo
	Operating Reserve – Supplemental Reserve Service	.11/KW-Mo
	Scheduling, System Control and Dispatch Service	\$43.98/schedule/day
	Reactive Supply & Voltage Control Service	.07/KW-Mo

#### **Marketing Plan Summary**

_Project_	Expiration date
Pick-Sloan Missouri Basin Program—	Dec. 31, 2020

Rate Action Summary

Rate order No.	Project	Type of rate action	notice of public participation	Rate schedule designation	of rate (first day of first full billing period)	Annual incremental \$(000)	Notes	Date submitted to FERC
WAPA-90	) Pick-Sloan— Eastern Div.	Extension	7/18/00	P-SED-F6	2/1/01	N/A	N/A	N/A

# Firm and Nonfirm Energy Sales by State

		FY 2001	-		FY 2000	
State	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Alabama						
Energy sales - MWh	0	0	0	0	22,272	22,272
Power revenues - \$	0	0	0	0	368,357	368,357
California					,	,
Energy sales - MWh	0	8,006	8,006	0	4,850	4,850
Power revenues - \$	0	174,524	174,524	0	129,750	129,750
Colorado						
Energy sales - MWh	0	1 <i>7</i> ,1 <i>77</i>	1 <i>7</i> ,1 <i>77</i>	0	135,943	135,943
Power revenues - \$	0	1,716,999	1,716,999	0	10,825,230	10,825,230
Florida						
Energy sales - MWh	0	25,365	25,365	0	135,962	135,962
Power revenues - \$	0	837,061	837,061	0	3,722,769	3,722,769
Georgia						
Energy sales - MWh	0	23,161	23,161	0	6,602	6,602
Power revenues - \$	0	694,406	694,406	0	189,139	189,139
Idaho						
Energy sales - MWh	0	305,717	305,717	0	437,559	437,559
Power revenues - \$	0	45,045,174	45,045,174	0	18,650,265	18,650,265
lowa						
Energy sales - MWh	1,182,866	30,067	1,212,933	1,201,131	225,255	1,426,386
Power revenues - \$	16,298,543	1,322,932	17,621,475	16,561,120	5,304,516	21,865,636
Maryland						
Energy sales - MWh	0	8,186	8,186	0	20,647	20,647
Power revenues - \$	0	205,468	205,468	0	474,452	<i>474</i> ,452
Massachusetts		,	•		•	•
Energy sales - MWh	0	50	50	0	0	0
Power revenues - \$	0	1, <i>75</i> 1	1,751	0	0	0
Minnesota		,,	, ,			
Energy sales - MWh	2,054,681	533,623	2,588,304	2,105,327	759,555	2,864,882
Power revenues - \$	28,138,088	19,878,609	48,016,697	28,786,758	17,943,562	46,730,320
Missouri			, ,			
Energy sales - MWh	0	504,181	504,181	0	1,059,076	1,059,076
Power revenues - \$	0	15,109,250	15,109,250	0	26,569,457	26,569,457
Montana						
Energy sales - MWh	726,338	50,250	<i>77</i> 6,588	688,282	117,800	806,082
Power revenues - \$	10,468,581	5,963,943	16,432,524	9,899,057	7,469,619	17,368,676
Nebraska	.,,.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,	.,,	.,,	.,,
Energy sales - MWh	1,814,396	37,894	1,852,290	1,810,949	204,414	2,015,363
Power revenues - \$	32,979,290	1,454,277	34,433,567	33,391,584	6,158,441	39,550,025
North Dakota						
Energy sales - MWh	1,136,699	113, <i>7</i> 63	1,250,462	1,092,552	149,840	1,242,392
Power revenues - \$	21,090,735	7,273,855	28,364,590	20,579,070	4,195,412	24,774,482
Oklahoma			, ,			
Energy sales - MWh	0	6,704	6,704	0	44,343	44,343
Power revenues - \$	0	243,292	243,292	0	1,526,627	1,526,627
Oregon		,			, ,	, ,
Energy sales - MWh	0	93,867	93,867	0	84,441	84,441
Power revenues - \$	0	22,204,182	22,204,182	0	1,875,925	1,875,925
South Dakota	_	/ /		_	.,	.,,
Energy sales - MWh	1,922,398	65,530	1,987,928	1,885,390	127,181	2,012,571
Power revenues - \$	27,282,049	2,994,135	30,276,184	26,771,181	3,332,479	30,103,660
Texas	2.,202,047	_,, , -,,,,,,,,	55,2, 5,154	20,, , 1,101	0,00 <u>2,</u> -,,,	55,.55,000
Energy sales - MWh	0	104,619	104,619	0	224,995	224,995
Power revenues - \$	0	2,969,481	2,969,481	0	4,855,973	4,855,973
ι στησι τοτοπο <del>σ</del> ο - ψ	0	2,707,401	2,707,401	J	4,000,770	7,000,770

#### Firm and Nonfirm Energy Sales by State, continued

	FY 2001				FY 2000		
State	Firm	Nonfirm	Total	Firm	Nonfirm	Total	
Utah							
Energy sales - MWh	0	650	650	0	0	0	
Power revenues - \$	0	6,988	6,988	0	0	0	
Washington							
Energy sales - MWh	0	1,200	1,200	0	0	0	
Power revenues - \$	0	710,000	710,000	0	0	0	
Wisconsin							
Energy sales - MWh	0	42,736	42,736	0	11,839	11,839	
Power revenues - \$	0	1,303,126	1,303,126	0	224,794	224,794	
Canada							
Energy sales - MWh	0	365,458	365,458	0	361,788	361,788	
Power revenues - \$	0	14,832,354	14,832,354	0	6,682,193	6,682,193	
Total 1, 2							
Energy sales - MWh	8,837,378	2,338,204	11,175,582	8,783,631	4,134,362	12,917,993	
Power revenues - \$	136.257.286	144.941.807	281.199.093	135.988.770	120.498.960	• •	

<sup>&</sup>lt;sup>1</sup> Excludes energy sales and power revenues to interdepartmental, interproject, and project use customers.

# Firm and Nonfirm Energy Sales by Customer Category

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Municipalities						
Energy sales - MWh	3,523,238	14,656	3,537,894	3,579,603	114,964	3,694,567
Revenues - \$	51,197,148	708,054	51,905,202	52,194,884	2,760,546	54,955,430
Cooperatives						
Energy sales - MWh	3,500,010	59,332	3,559,342	3,594,929	62,939	3,657,868
Revenues - \$	53,828,255	5,129,630	58,957,885	55,130,401	1,879,115	<i>57</i> ,009,516
Federal agencies						
Energy sales - MWh	63,902	4,750	68,652	65,667	44,343	110,010
Revenues - \$	909,500	198,350	1,107,850	936,479	1,526,627	2,463,106
State agencies						
Energy sales - MWh	424,252	8,335	432,587	417,804	32,086	449,890
Revenues - \$	5,960,243	303,240	6,263,483	5,898,044	945,710	6,843,754
Public utility districts						
Energy sales - MWh	1,111,843	40,973	1,152,816	1,121,338	193,559	1,314,897
Revenues - \$	21,412,173	1,737,474	23,149,647	21,791,336	5,530,329	27,321,665
Native American tribes						
Energy sales - MWh	210,809	0	210,809	0	0	0
Revenues - \$	2,930,122	0	2,930,122	0	0	0
Irrigation districts						
Energy sales - MWh	3,324	0	3,324	4,290	0	4,290
Revenues - \$	19,845	0	19,845	37,626	0	37,626
Investor-owned utilities						
Energy sales - MWh	0	980,889	980,889	0	1,593,351	1,593,351
Revenues - \$	0	93,407,144	93,407,144	0	58,312, <i>7</i> 50	58,312,750
Power marketers						
Energy sales - MWh	0	1,229,269	1,229,269	0	2,093,120	2,093,120
Revenues - \$	0	43,457,915	43,457,915	0	49,543,883	49,543,883
Total <sup>1</sup>						
Energy sales - MWh	8,837,378	2,338,204	11,175,582	8,783,631	4,134,362	12,917,993
Revenues - \$	136,257,286	144,941,807	281,199,093	135,988,770	120,498,960	256,487,730

Note: Excludes energy sales and power revenues to interdepartmental and project use customers because these power sales are not based on firm or nonfirm power rates.

These totals include Joint Marketing Plan Sales of 1,245,221 MWh and \$22,808,107 for FY 1999, 1,955,727 MWh and \$41,289,280 for FY 2000 and 1,361,314 MWh and \$76,540,104 for FY 2001.

<sup>&</sup>lt;sup>1</sup> These totals include Joint Marketing Plan Sales of 1,245,221 MWh and \$22,808,107 for FY1999, 1,955,727 MWh and \$41,289,280 for FY 2000 and 1,361,314 MWh and \$76,540,104 for FY 2001.

# Sales by State and Customer Category

	FY 2001		FY 2000		
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Alabama Power marketers	0	0	22,272	368,357	
Total Alabama	0	0	22,272	368,357	
California					
Power marketers	8,006	174,524	4,850	129,750	
Total California	8,006	174,524	4,850	129,750	
Colorado Investor-owned utilities Interproject sales	17,177 105,993	1,716,999 12,059,354	135,943 101,254	10,825,230 3,471,278	
Total Colorado	123,170	13,776,353	237,197	14,296,508	
<b>Florida</b> Power marketers	25,365	837,061	135,962	3,722,769	
Total Florida	25,365	837,061	135,962	3,722,769	
<b>Georgia</b> Power marketers	23,161	694,406	6,602	189,139	
Total Georgia	23,161	694,406	6,602	189,139	
Idaho					
Investor-owned utilities	305,717	45,045,174	437,559	18,650,265	
Total Idaho	305,717	45,045,174	437,559	18,650,265	
lowa					
Municipalities	675,605	9,674,800	681,757	9,623,898	
Cooperatives Investor-owned utilities	507,477 10,860	6,775,719 339,864	521,918 30,183	6,970,689 920,646	
Power marketers	18,991	831,092	192,528	4,350,403	
Total Iowa	1,212,933	17,621,475	1,426,386	21,865,636	
Maryland					
Power marketers	8,186	205,468	20,647	474,452	
Total Maryland	8,186	205,468	20,647	474,452	
Massachusetts	50	1.751	0	0	
Power marketers	50	1,751	0	0	
Total Massachusetts	50	1,751	0	0	
Minnesota	1,421,598	19,419,114	1,482,207	20,348,923	
Municipalities Cooperatives	582,550	8,043,385	602,499	8,307,804	
State agencies	44,396	595,690	40,597	552,151	
Public utility districts	<i>7</i> ,615	489,272	12,258	282,615	
Native American tribes	6,653	94,680			
Investor-owned utilities	208,867	7,258,194	263,502	6,182,011	
Power marketers	316,625	12,116,362	463,819	11,056,816	
Total Minnesota	2,588,304	48,016,697	2,864,882	46,730,320	
Missouri					
Investor-owned utilities Power marketers	237,431 266,750	<i>7</i> ,486,155 <i>7</i> ,623,095	460,367 598,709	10,356,270 16,213,187	
Total Missouri	504,181	15,109,250	1,059,076	26,569,457	
	304,101	13,107,230	1,037,070	20,307,437	
Montana Cooperatives	671,656	9,827,224	675,806	9,806,429	
Federal agencies	2,374	6,091	2,924	7,380	
State agencies	3,772	41,749	5,262	47,622	
Native American tribes	45,212	573,672	0	0	
Irrigation districts	3,324	19,845	4,290	37,626	
Investor-owned utilities	50,250	5,963,943	117,800	7,469,619	
Project use sales	22,401	57,982	28,734	71,574	
Total Montana	798,989	16,490,506	834,816	17,440,250	

# Sales by State and Customer Category, continued

FY 2001		FY 2000		
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Nebraska		<del></del>	<del></del>	-
Municipalities	551,976	9,862,539	625,618	11,778,984
State agencies	161,634	2,389,707	188,523	3,071,933
Public utility districts	1,127,478	22,021,913	1,201,222	24,699,108
Native American tribes	11,202	159,408	0	0
Project use sales	3,284	7,964	3,830	8,605
Total Nebraska	1,855,574	34,441,531	2,019,193	39,558,630
North Dakota				
Municipalities	189,922	2,798,587	188,466	2,778,740
Cooperatives	835,039	20,916,061	863,691	18,131,688
Federal agencies	2,692	35,911	2,535	39,818
State agencies	98,819	1,479,995	100,799	1,507,939
Native American tribes	69,559	989,811	0	0
Investor-owned utilities	4,729	226,481	32,068	914,087
Power marketers	49,702	1,91 <i>7,7</i> 44	54,833	1,402,210
Project use sales	5,538	29,107	5,824	31,705
Total North Dakota	1,256,000	28,393,697	1,248,216	24,806,187
Oklahoma				
Federal agencies	4,750	198,350	44,343	1,526,627
Investor-owned utilities	1,104	30,441	0	0
Power marketers	850	14,501	0	0
Total Oklahoma	6,704	243,292	44,343	1,526,627
Oregon				
Investor-owned utilities	93,867	22,204,182	84,441	1,875,925
Total Oregon	93,867	22,204,182	84,441	1,875,925
South Dakota				
Municipalities	698,793	10,150,162	<i>7</i> 16,519	10,424,885
Cooperatives	962,620	13,395,496	993,954	13,792,906
Federal agencies	58,836	867,498	60,208	889,281
State agencies	123,966	1,756,342	114,709	1,664,109
Public utility districts	15,898	572,269	95,918	2,218,357
Native American tribes	<i>7</i> 8,183	1,112,551	0	0
Investor-owned	49,632	2,421,866	31,263	1,114,122
Project use sales	4,062	35,636	3,887	34,633
Total South Dakota	1,991,990	30,311,820	2,016,458	30,138,293
Texas	104410	0.040.401	001005	4.055.070
Power marketers	104,619	2,969,481	224,995	4,855,973
Total Texas	104,619	2,969,481	224,995	4,855,973
<b>Utah</b> Power marketers	650	6,988	0	0
Total Utah				
	650	6,988	U	0
Washington Investor-owned utilities	1,200	710,000	0	0
		710,000		0
Total Washington	1,200	710,000	0	0
Wisconsin Public utility districts	1,825	66,193	5,499	101 505
Investor-owned utilities	1,825	3,845	225	121,585 4,575
Power marketers	40,856	1,233,088	6,115	4,575 98,634
Total Wisconsin	42,736	1,303,126	11,839	224,794
Canada	72,730	1,503,120	11,037	44 <del>4</del> ,/ 94
Power marketers	365,458	14,832,354	361,788	6,682,193
Total Canada	365,458	14,832,354	361,788	6,682,193
ioidi Guildu	303,430	17,002,004	301,700	3,002,173

#### Sales by State and Customer Category, continued

	FY	2001	FY 2000		
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Total Pick-Sloan Missouri Ba	sin—Eastern Divisio	on <sup>1</sup>			
Municipalities	3,537,894	51,905,202	3,694,567	54,955,430	
Cooperatives	3,559,342	58,957,885	3,657,868	57,009,516	
Federal agencies	68,652	1,107,850	110,010	2,463,106	
State agencies	432,587	6,263,483	449,890	6,843,754	
Public utility districts	1,152,816	23,149,647	1,314,897	27,321,665	
Native American tribes	210,809	2,930,122	0	0	
Irrigation districts	3,324	19,845	4,290	37,626	
Investor-owned utilities	980,889	93,407,144	1,593,351	58,312,750	
Power marketers	1,229,269	43,457,915	2,093,120	49,543,883	
Indepartmental sales	0	0	0	0	
Interproject sales	105,993	12,059,354	101,254	3,471,278	
Project use sales	35,285	130,689	42,275	146,517	
Total Eastern Division	11.316.860	293.389.136	13.061.522	260.105.525	

# Top 5 Customers in Firm Energy Sales

Ran	k Customer	(MWh)	firm sales
1	Nebraska Public Power District	714,135	8
2	East River Power Cooperative	706,925	8
3	Omaha Public Power District	397,708	5
4	Minnkota Power Coop.	364,007	4
5	Central Montana Electric Coop.	357,423	4
	Total	2,540,198	29

#### **Top 5 Customers in Firm Energy Revenue**

Rank	Customer	(\$)	Percent of firm revenue
1	Nebraska Public Power District	16,187,484	12
2	East River Power Cooperative	9,449,911	7
3	Central Montana Electric Coop	5,297,823	4
4	Basin Electric Power Coop	5,232,640	4
5	Omaha Public Power District	5,224,689	4
	Total	41,392,547	31

# Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	nonfirm sales
1	Idaho Power Company	305,717	13
2	Utilicorp United	234,582	10
3	Aquila Power	214,865	9
4	Cargill-Alliant	214,038	9
5	PowerEx (British Columbia)	183,469	8
	Total	1,152,671	49

#### **Top 5 Customers in Nonfirm Energy Revenue**

Rank	Customer	(\$)	Percent of nonfirm revenues
1	Idaho Power Company	45,045,171	31
2	Eugene Water & Electric Board	22,204,182	15
3	Cargill-Alliant	8,504,218	6
4	Utilicorp United	7,371,841	5
5	British Columbia Power Exchange 1	7,157,548	5
	Total	90,282,960	62

Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

Separate sales were made to PowerEx (British Columbia) before it merged with British Columbia Power Exchange in 2001.

#### **Purchased Power**

	FY 2	001	FY 2000		
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)	
NonWestern suppliers					
Allete	44,738	1,704	0	0	
Alliant Services Company	22,400	354	3,200	64	
Aguila Power	416,473	16,417	36,452	1,368	
Associated Electric Cooperative Inc.	1,300	57	0	0	
Basin Electric Power Cooperative	929,292	49,357	1,444,283	29,235	
British Columbia Power Exchange	3,998	383	701	43	
Cargill-Alliant	107,641	5,281	10,665	330	
City of Hutchinson	490	8	0	0	
City of Lincoln	8,556	156	0	0	
Constellation Power Source	940	47	0	0	
Dynegy Power Marketing	5,750	316	0	0	
El Paso Merchant Energy	42,945	2,576	0	0	
Engage Energy	42,943	2,570	8 <i>7</i> 5	15	
				32	
Enron Power Marketing Group	13,461	873	1,653		
Energy Power Marketing	332	11	0	0	
Gen-Sys Energy	4,240	151	0	0	
Heartland Consumers' Power District	96,433	5,329	103,776	2,387	
Idacorp Energy	4,627	227	0	0-	
Idaho Power Company	0		720	40	
Kansas City Power & Llght	1,500	37	1,210	18	
Manitoba Hydro	19,726	583	<i>87</i> ,612	1,986	
Lincoln Electric System	0	0	95	1	
MAPPCOR	0	0	0	58	
Minnesota Municipal Power Agency	3,880	232	140	10	
Minnesota Power & Light	0	0	35,870	644	
MidAmerican Energy Company	701,564	24,010	27,985	570	
Minnkota Power Coop.	38,819	623	75,827	981	
Mirant Corporation	3,827	186	0	0	
Missouri River Energy Services	29,493	770	1 <i>7</i> ,970	217	
Montana Power Co.	0	0	2,350	78	
Montana-Dakota Utilities Co.	10,320	344	12,855	206	
City of Muscatine	60	1	150	2	
Northern/AES Energy	0	0	2,110	<i>7</i> 1	
Northern States Power Co. (XCEL)	71,025	3,123	30,520	543	
Northwestern Public Service	382,205	23,660	363,160	7,668	
Oklahoma Gas & Electric	900	. 24	. 0	. 0	
Omaha Public Power District	320,109	<i>7</i> ,995	223,799	3,607	
OtterTail Power Company	726,105	29,242	233,887	4,386	
Pennsylvania Power and Light Montana	4,744	283	5,560	218	
Public Service Company of Colorado	300	11	0	0	
Rainbow Energy Marketing Corporation	91,818	5,985	2,785	55	
Reliant Energy Services	42,359	1,991	0	0	
Rocky Mountain Generation Coop.	340	28	1,635	126	
	5,700	376	9,353	353	
Saskatchewan Power Company	29,201				
Sempra Energy Trading Corp	·	732	0	0 81	
Southern Company Energy Marketing	2,900	200	2,060		
South. Minnesota Mun. Power Agency	100	1	375	6	
Southwestern Power Administration	59,275	1,962	0	0	
Split Rock Energy	273,151	11,118	14,994	471	
St. Joseph Light & Power Company	0	0	250	3	
Tenaska Power Services Co	34,844	1,902	15,945	337	
The Energy Authority	87,160	2,172	48,630	1,031	
Transalta Marketing Corporation	140,445	<i>7</i> ,205	350	11	
TXU Energy Trading	550	24	0	0	
Utilicorp United	49,401	2,527	14,050	402	
Western Resources	45,007	3,579	425	11	
Williams Energy Services	943	55	0	0	
Wisconsin Public Power District	140	3	0	0	

#### Purchased Power, continued

	FY 2	2001	FY 2	FY 2000		
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)		
Western suppliers (IATS) LAP	0	0	60	2		
Total Western	0	0	60	2		
Total Pick Sloan–Eastern Division $^{\rm l}$	4,881,527	214,231	2,834,337	57,667		

These totals include Joint Marketing Plan sales of 1,361,314 MWh and \$76,540,104 for FY 2001 and 1,955,727 MWh and \$41,289,280 for FY 2000.

#### Purchased Transmission 1

	FY 2001	FY 2000
Supplier	Costs (\$000)	Costs (\$000)
NonWestern suppliers		
Central Iowa Power Cooperative	5	5
Central Montana Electric Cooperative	8	0
Central Power Electric Cooperative	10	10
Kandiohi Power Cooperative	7	7
MAPPCOR	1,705	984
Midamerican Energy Company	705	787
Mid-Yellowstone	16	20
Minnesota Valley Cooperative	15	14
Minnkota Power Cooperative, Inc.	198	204
Montana Power Company	1,408	1,409
Montana-Dakota Utilities Company	285	292
Nebraska Public Power District	414	538
Northern Plains Electric Cooperative	1	1
Northwestern Public Service Company	14	52
Oliver Mercer	1	0
Omaha Public Power District	323	321
Otter Tail Power Company	24	24
Subtotal NonWestern suppliers	5,139	4,668
Total Pick Sloan—Eastern Division	5,139	4,668

<sup>&</sup>lt;sup>1</sup> This table is compiled from end-of-month reporting of purchased transmission and does not reflect differences between accruals for year-end closing.

#### **Customers by State and Customer Category**

	FY 2	2001		FY 2000				
Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total	
0	0	0	0	0	0	1	1	
0	0	1	1	0	0	1	1	
0	0	0	0	0	0	0	0	
0	0	2	2	0	0	1	1	
0	0	1	1	0	0	1	1	
0	0	2	2	0	0	1	1	
0	0	1	1	0	0	1	1	
47	0	2	49	44	0	1	45	
4	0	0	4	4	0		4	
0	0	1	1	0	0	1	1	
0	0	1	1	0	0	1	1	
0	0	2	2	0	0	1	1	
0	0	1	1	0	0	0	0	
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Firm only         Firm & nonfirm           0         0           0         0           0         0           0         0           0         0           0         0           0         0           47         0           4         0           0         0           0         0           0         0           0         0           0         0           0         0	only         nonfirm         only           0         0         0           0         0         0           0         0         0           0         0         2           0         0         1           0         0         1           47         0         2           4         0         0           0         0         1           0         0         1           0         0         1           0         0         2	Firm only         Firm & nonfirm only         Nonfirm only         Total           0         0         0         0           0         0         1         1           0         0         0         0           0         0         2         2           0         0         1         1           0         0         1         1           47         0         2         49           4         0         0         4           0         0         1         1           0         0         1         1           0         0         2         2	Firm only         Firm & nonfirm nonly         Nonfirm only         Total         Firm only           0         0         0         0         0           0         0         1         1         0           0         0         0         0         0         0           0         0         0         0         0         0         0           0         0         1         1         0         0         0         0         1         0         0         1         0         0         4         4         4         0         0         1         1         0         0         1         1         0         0         1         1         0         0         1         1         0         0         1         1         0         0         1         1         0         0         1         1         0         0         0         1         1         1         0         0         0         1         1         1         0         0         0         0         1         1         1         0         0         0         0         0         0         0         <	Firm only         Firm & nonfirm only         Nonfirm only         Total         Firm & nonfirm only         Firm & nonfirm           0         0         0         0         0         0           0         0         1         1         0         0           0         0         0         0         0         0           0         0         2         2         0         0           0         0         1         1         0         0           0         0         1         1         0         0           47         0         2         49         44         0           0         0         1         1         0         0           0         0         1         1         0         0           0         0         1         1         0         0           0         0         1         1         0         0           0         0         2         2         0         0	Firm only         Firm & nonfirm only         Nonfirm only           0         0         0         0         0         1           0         0         1         1         0         0         1           0         0         0         0         0         0         0         0           0	

# Customers by State and Customer Category, continued

•		FY 2	2001		FY 2000			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Minnesota								
Municipalities	47	0	1	48	45	1	1	47
Cooperatives	15	0	0	15	15	0	0	15
State agencies	3	0	0	3	3	0	0	3
Public utility districts	0	0	2	2	0	0	2	2
Native American tribes	2	0	0	2	0	0	0	0
Investor-owned utilities	0	0	2	2	0	0	3	3
Power marketers	0	0	5	5	0	0	3	3
Missouri								
Investor-owned utilities	0	0	3	3	0	0	3	3
Power marketers	0	0	3	3	0	0	3	3
Montana	-	_		-	-			_
Cooperatives	3	0	0	3	3	0	0	3
Federal agencies	2	0	0	2	2	0	0	2
State agencies	2	0	0	2	2	0	0	2
Native American tribes	6	0	0	6	0	0	0	0
	3	0	0	3	3	0	0	3
Irrigation district	0	0	1	3 1	0	0	2	2
Investor-owned utilities	U	U	1	ı	U	U	Z	2
Nebraska			•					
Municipalities	51	1	0	52	50	1	0	51
State agencies	8	1	0	9	9	0	0	9
Public utility districts	0	2	0	2	0	2	0	2
Native American tribes	3	0	0	3	0	0	0	0
North Dakota								
Municipalities	12	0	0	12	11	0	0	11
Cooperatives	5	2	0	7	5	2	0	7
Federal agencies	1	0	0	1	1	0	0	1
State agencies	12	0	0	12	12	0	0	12
Native American tribes	5	0	0	5	0	0	0	0
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	1	1	0	0	1	1
Oklahoma								
Federal agencies	0	0	1	1	0	0	1	1
Investor-owned utilities	0	0	1	1	0	0	0	0
Power marketers	0	Ö	i	i	0	0	0	0
Oregon	·	Ü			Ů	Ŭ	Ü	·
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	0	0	0	0	0	0
	U	U	O	U	U	O	O	U
South Dakota	2.2	0	0	2.2	2.2	0	0	2.2
Municipalities	33	0	0	33	33	0	0	33
Cooperatives	5	0	0	5	5	0	0	5
Federal agencies	1	0	0	1	1	0	0	1
State agencies	10	0	0	10	10	0	0	10
Public utility districts	0	0	2	2	0	0	2	2
Native American tribes	7	0	0	7	0	0	0	0
Investor-owned utilities	0	0	2	2	0	0	1	1
Texas								
Power marketers	0	0	8	8	0	0	7	7
Utah								
Power marketers	0	0	1	1	0	0	0	0
Washington								
Investor-owned utilities	0	0	1	1	0	0	0	0
Wisconsin	-	-	•	•	-	-	-	
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	i	i	0	0	i	i
Public utility districts	0	0	i	i	0	0	i	i
Canada	U	U	1	'	U	U	1	'
Power marketers	0	0	6	6	0	0	4	4
Subtotal	287	6	60	353	258	6	48	312
Project use sales	28	0	0	28	29	0	0	29
Interproject sales	0	0	1	1	0	0	1	1
Total Western	315	6	61	382	287	6	49	342
		_				_		

## **Summary by State**

		FY 2	2001		FY 2000			
State	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Alabama	0	0	0	0	0	0	1	1
California	0	0	1	1	0	0	1	1
Colorado	0	0	2	2	0	0	1	1
Florida	0	0	1	1	0	0	1	1
Georgia	0	0	2	2	0	0	1	1
Idaho	0	0	1	1	0	0	1	1
lowa	51	0	4	55	48	0	3	51
Maryland	0	0	2	2	0	0	1	1
Massachusetts	0	0	1	1	0	0	0	0
Minnesota	67	0	10	77	63	1	9	73
Missouri	0	0	6	6	0	0	6	6
Montana	16	0	1	1 <i>7</i>	10	0	2	12
Nebraska	62	4	0	66	59	3	0	62
North Dakota	35	2	2	39	29	2	2	33
Oklahoma	0	0	3	3	0	0	1	1
Oregon	0	0	1	1	0	0	1	1
South Dakota	56	0	4	60	49	0	3	52
Texas	0	0	8	8	0	0	7	7
Utah	0	0	1	1	0	0	0	0
Washington	0	0	1	1	0	0	0	0
Wisconsin	0	0	3	3	0	0	3	3
Canada	0	0	6	6	0	0	4	4
Total	287	6	60	353	258	6	48	312

# **Summary by Customer Class**

		FY 2	2001			FY 2	FY 2000			
Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total		
Municipalities 1	190	1	3	194	183	2	2	187		
Cooperatives	32	2	0	34	32	2	0	34		
Federal agencies	4	0	1	5	4	0	1	5		
State agencies	35	1	0	36	36	0	0	36		
Public utility districts	0	2	5	7	0	2	5	7		
Native American tribes <sup>1</sup>	23	0	0	23	0	0	0	0		
Irrigation districts	3	0	0	3	3	0	0	3		
Investor-owned utilities	0	0	17	1 <i>7</i>	0	0	16	16		
Power marketers	0	0	34	34	0	0	24	24		
Total	287	6	60	353	258	6	48	312		
Project use sales	28	0	0	28	29	0	0	29		
Interproject sales	0	0	1	1	0	0	1	1		
Total Western	315	6	61	382	287	6	49	342		

<sup>&</sup>lt;sup>1</sup> Increase in municipalities and a new customer class (Native American tribes) because of deliveries made under the Post 2000 Marketing Plan.

Note: In FY 2001, Western sold P-SMB-ED power to 287 preference customers (col 1+2); six also purchase nonfirm power (col. 2). We sold P-SMB-ED project use power to 28 customers, for a total of 315 firm customers. Nonfirm sales were made to 61 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the P-SMB-ED Power Sales and Revenue table.

#### **Transmission Revenues**

Transmission service	Revenue (\$)	Revenue (\$)
Firm network	14,912,875	13,077,750
Long-term firm point-to-point	13,525,194	6,108,442
Nonfirm point-to-point	<i>7</i> 11	663,359
Short-term firm point-to-point	3,975,953	3,567,905
Total	32 414 733	23 417 456

## **Ancillary Services Revenues**

Ancillary service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Scheduling and dispatch service	693,444	
Reactive supply and voltage control service	447,028	532,298
Regulation and frequency response service	579,422	381,390
Total	1,719,894	913,688

#### **Power Sales and Revenue**

	Contract rate	of delivery	FY 2	2001	FY 2000		
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Municipalities							
lowa							
Akron	2,785	1,608	10,085	145,107	10,540	150,731	
Alta	2,074	1,798	9,561	130,658	9,880	134,862	
Alton	1,660	1,259	<i>7</i> ,215	101,203	7,458	104,490	
Ames	0	0	15	134,509	0	0	
Anita	1,518	1,199	6,678	91,294	6,914	94,412	
Anthon	249	302	1,292	1 <i>7</i> ,930	1,305	18,104	
Atlantic	7,748	5,742	32,694	458,050	34,631	476,617	
Aurelia	378	524	2,136	29,458	2,116	29,258	
Breda	772	693	3,364	48,469	3,291	50,069	
Coon Rapids	2,670	2,400	12,323	173,495	14,867	210,334	
Corning	3,698	2,416	13,929	195,974	14,408	202,405	
Denison	14,912	12,067	<i>7</i> 6,880	1,105,007	79,479	1,141,267	
Estherville	2,743	2,614	10,351	141,896	. 0		
Fonda	290	475	1,713	24,313	1,634	24,801	
Fontanelle	1,112	1,055	5,139	72,272	5,254	73,922	
Glidden	1,280	833	4,636	64,717	4,721	66,488	
Graettinger	1,201	1,040	5,544	76,632	5,731	<i>7</i> 9,130	
Harlan	9,934	6,876	42,074	571,082	42,502	576,956	
Hartley	2,963	2,623	15,123	204,996	15,636	211,702	
Hawarden	5,037	3,297	22,204	304,374	22,956	314,019	
Hinton	785	637	2,799	40,505	2,416	34,663	
Kimballton	575	455	2,224	31,514	2,254	32,146	
Lake Park	1,541	1,631	<i>7</i> ,915	109,992	8,130	113,060	
Lake View	3,581	3,208	15,792	219,941	15,252	226,575	
Laurens	3,151	2,542	14,348	195,950	14,832	202,352	
Lenox	2,193	1,958	10,333	141,575	10,690	146,260	
Manilla	1,328	1,262	6,455	89,078	6,568	90,875	
Manning	2,517	2,098	14,661	190,204	14,812	192,670	
Mapleton	2,627	1,824	10,585	145,793	10,569	144,796	
Marathon	129	275	344	5,601	10,307	144,7 70	
Milford	2,518	2,373	11,761	165,084	12,144	170,355	
Muscatine	2,516	2,3/3	201	17,467	2,544	33,467	
Neola	309	252	1,071	15,760	1,120	16,343	
			,	·	,		
Onawa	6,025	4,146	24,266	336,813	24,370	337,318	
Orange City	6,716	5,295	32,067	440,154	33,154	454,547	
Paullina	1,683	1,307	7,412	103,496	7,632	106,607	
Primghar	1,328	1,118	5,895	82,764	6,092	85,447	
Remsen	2,418	1,854	10,614	147,046	10,957	151,649	
Rock Rapids	4,551	3,836	21,121	290,315	21,854	300,020	
Sanborn	2,025	1,948	11,292	151,095	11,679	156,088	
Sergeant Bluff	1,510	1,399	5,474	75,067	0	0	
Shelby	848	923	4,251	59,455	4,271	59,845	

	Contract rate	of delivery	FY 2	2001	FY 2000		
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Sibley	3,219	3,377	16,811	228,708	17,365	235,953	
Sioux Center	6,864	5,096	32,303	438,370	33,425	453,086	
Spencer	19,419	16,558	91,447	1,421,682	94,596	1,469,118	
Stanton	942	1,144	4,943	<i>7</i> 4,231	5,100	<i>7</i> 6,461	
Villisca	2,342	1,658	9,583	132,439	9,909	136,619	
Wall Lake	1,355	1,299	6,317	89,242	5,974	89,098	
Woodbine	2,271	1,898	10,364	144,023	10,725	148,913	
Subtotal Iowa	2,271	1,070	675,605	9,674,800	681,757	9,623,898	
Minnesota			075,005	7,07-4,000	001,737	7,020,070	
Ada	2,522	2,622	13,099	179,885	13,724	18 <i>5,57</i> 9	
Adrian	1,644	1,750	8,948	121,548	9,256	125,556	
Alexandria	16,498	16,401	97,496	1,292,666	100,800	1,334,807	
			•				
Barnesville	1,912	2,221	11,947	159,778	12,352	164,976	
Benson	5,802	4,351	27,113	367,885	27,954	378,550	
Breckenridge	5,511	4,795	29,275	391 <i>,7</i> 38	30,268	404,463	
Detroit Lakes	12,207	12,228	70,523	940,009	72,929	970,856	
East Grand Forks	12,682	13,264	73,998	1,052,024	76,502	1,086,217	
Elbow Lake	1,798	1,944	9,719	135,827	10,051	140,240	
Fairfax	1,775	1,685	9,345	126,916	9,649	130,934	
Fairmont	579	887	2,072	30,953	0	0	
Fosston	2,323	2,542	13,407	193,951	13,860	200,245	
	1,260	1,852	7,770	,		106,851	
Granite Falls				114,792	7,200		
Halstad	837	1,247	5,292	78,210	5,473	80,748	
Hawley	1,660	1,583	8,607	126,310	8,898	130,411	
Henning	829	1,079	4,901	67,914	5,072	70,146	
Hutchinson	0	0	516	1 <i>4,7</i> 81	286	8,638	
Jackson	5,683	4,236	25,404	349,863	26,253	361,154	
Kandiyohi	588	704	3,174	46,921	3,281	48,433	
Lakefield	2,370	1,948	11,061	152,016	11,317	155,547	
Lake Park	578	762	3,646	49,945	3,769	51,552	
Litchfield	12,766	10,753	70,803	939,340	73,222	970,342	
			•	· ·			
Luverne	8,774	8,090	48,408	645,200	50,043	665,276	
Madison	3,950	2,093	14,609	219,365	14,157	211,222	
Marshall	22,403	14,263	130 <i>,7</i> 63	1,6 <i>74,7</i> 65	135,224	1,730,507	
Melrose	5,371	5,669	35,429	462,739	36,611	477,648	
Moorhead	38,808	37,377	229,965	3,277,180	237,985	3,387,340	
Mountain Lake	944	1,163	5,591	<i>75,7</i> 40	5,265	71,981	
Newfolden	527	569	2,808	38,609	2,722	37,594	
Nielsville	150	1 <i>77</i>	749	10,471	678	9,546	
Olivia	4,609	4,094	22,585	305,646	23,362	315,750	
Ortonville	5,073	4,076	22,922	314,471	23,412	318,354	
				,	•		
Redwood Falls	8,938	7,748	44,865	608,809	46,418	629,210	
St. James	7,286	5,031	36,288	479,214	37,552	494,951	
Sauk Centre	4,515	4,252	25,011	333,346	25,893	344,397	
Shelly	377	353	1,807	25,008	1,810	24,918	
Sleepy Eye	2,400	864	8,401	114,160	8,687	11 <i>7</i> ,971	
Springfield	947	1,261	5,350	<i>7</i> 4,983	25,224	490,913	
Staples	807	1,385	6,658	88,214	6,888	91,117	
Stephen	996	1,259	5,994	88,109	6,195	90,941	
Thief River Falls	12,933	12,228	67,571	981,725	69,866	1,013,859	
Tyler	1,707	1,735	8,950	122,178	8,540	114,744	
,	·	7,952	•	·	•		
Wadena	6,968		43,340	578,619 197444	44,826	597,639	
Warren	2,186	2,596	12,827	187,666	13,257	193,696	
Westbrook	1,383	1,499	7,401	101,547	7,212	98,548	
Willmar	6,015	5,312	31,035	416,807	32,094	430,504	
Windom	7,757	5,624	35,017	475,411 795,940	35,066	472,924	
Worthington	10,956	9,159	59,138	785,860	61,104	811,128	
Subtotal Minnesota North Dakota			1,421,598	19,419,114	1,482,207	20,348,923	
	2,607	4,124	17,985	260,738	17,792	259,436	
Cavalier	·	•		•			
Grafton	6,447	7,049	36,351	525,684	37,584	542,848	
Hillsboro	2,144	3,213	14,887	200,302	15,206	204,868	
Норе	462	576	2,596	38,580	2,682	39,802	
Lakota	1,472	2,351	10,676	161,519	11,041	166,764	

	Contract rate	of delivery	FY 2001		FY 2000		
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Maddock	459	600	2,510	35,839	2,596	36,995	
Northwood	1,588	2,350	11,286	163,635	11,578	167,975	
Park River	2,418	3,141	15,263	220,876	15,780	228,040	
Riverdale	328	487	1,909	29,098	1,770	27,140	
Sharon	228	294	1,238	18,497	1,277	19,056	
Stanton	163	306	812	11,129	0	0	
Valley City	11,232	14,976	74,409	1,132,690	71,160	1,085,816	
Subtotal North Dakota			189,922	2,798,587	188,466	2,778,740	
South Dakota							
Aberdeen	905	424	1,985	29,095	1,980	31,3 <i>7</i> 6	
Arlington	1,312	1,454	7,598	102,812	<i>7</i> ,858	106,195	
Aurora	348	395	1,772	24,953	1,832	25,763	
Badger	309	353	1,264	18,716	1,298	19,061	
Beresford	2,905	2,057	12,411	194,163	12,843	200,808	
Big Stone City	1,612	1,487	9,941	129,951	10,225	133,701	
Brookings	18,972	16,869	104,805	1,497,420	108,489	1,548,352	
Bryant	488	559	2,431	34,401	2,456	36,349	
Burke	1,233	1,273	6,064	83,997	6,245	85,746	
Colman	837	860	3,979	<i>57</i> ,028	4,116	58,866	
Estelline	870	1,180	5,256	72,260	5,439	74,578	
Faith	1,142	1,487	6,077	94,387	5,761	89,519	
Flandreau	2,789	2,605	14,781	224,903	15,282	232,236	
Fort Pierre	2,010	2,433	12,620	202,914	13,051	209,657	
Groton	1,896	1,942	10,151	142,378	10,498	151,526	
Hecla	635	714	3,359	46,807	3,458	47,714	
Howard	1,991	1,420	8,452	116,537	8,744	120,439	
Langford	543	412	1,991	28,889	2,129	32,236	
Madison	9,998	9,136	52,849	712,377	50,660	682,325	
McLaughlin	1,583	1,665	6,860	100,962	6,739	98,514	
Miller	3,950	4,448	20,388	287,446	18,734	279,792	
Parker	1,960	1,837	8,643	119,723	8,882	123,140	
Pickstown	299	312	1,528	21,073	1,581	21,779	
Pierre	27,626	19,806	114,543	1,792,145	119,539	1,866,951	
Plankinton	1,173	1,529	6,611	92,498	6,802	94,967	
Sioux Falls	7,933	6,809	44,113	625,802	45,642	646,768	
Tyndall	1,927	1,587	8,174	130,775	8,452	134,816	
Vermillion	10,814	6,444	42,427	591, <i>7</i> 40	43,846	610,628	
Volga	1,679	1,405	10,741	137,742	11,094	142,032	
Watertown	24,938	20,098	125,367	1,811,365	129,760	1,872,824	
Wessington Springs	1,778	1,654	8,097	113,978	8,383	117,847	
White	1,776	228	925	12,692	956	13,092	
Winner	6,972	6,348	32,590	498,233	33,745	515,288	
Subtotal South Dakota	0,772	0,040	698,793	10,150,162		10,424,885	
Nebraska			010,110	10,100,102	2.10,012	10, 12 1,000	
Ansley	<i>7</i> 5	65	366	4,996	337	4,614	
Arnold	1,241	1,082	5,915	81,257	5,748	78,894	
Auburn	3,118	2,329	12,996	192,702	12,920	192,072	
Beatrice	2,756	1,775	11,316	164,859	12,133	177,723	
Beaver City	299	242	1,290	17,954	1,184	16,618	
Blue Hill	1,343	859	4,904	68,054	4,820	67,616	
Broken Bow	2,424	1,791	11,229	152,012	11,101	150,046	
Burwell	567	459	2,564	35,240	2,497	34,288	
Callaway	846	675	3,887	52,873	3,612	49,991	
Cambridge	513	449	2,439	33,666	2,321	32,526	
Crete	2,592	1,884	13,008	175,153	13,448	180,893	
Curtis	432	294	1,682	23,209	1,806	24,721	
David City	1,260	1,259	6,360	93,052	6,344	92,431	
Deshler	592	348	2,159	30,146	2,084	29,125	
De Witt	565	539	2,742	40,895	2,847	42,334	
Emerson	361	412	1,277	17,906	2,647	42,334	
Fairbury	3,354	2,063	12,961	176,400	13,219	179,293	
Franklin	525	501	2,382	33,245	2,500	34,774	
Fremont	4,800	4,800	26,926	384,913	2,300	388,652	
Grand Island	9,168	5,124	33,734	470,564	34,918	486,587	
Cidila isiana	7,100	5,124	33,/34	4/0,304	54,710	400,36/	

	Contract rate	e of delivery	FY:	2001	FY 2	2000
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Hastings	11,379	6,202	47,697	644,020	49,318	665,458
Indianola	88	88	398	5,969	418	6,299
Laurel	525	465	2,450	33,682	2,393	35,111
Lincoln	104,287	40,847	148,140	4,194,659	231,182	6,078,793
Lyons	546	485	2,419	35,834	2,340	34,645
Madison	2,493	3,152	15,210	216,143	10,851	197,233
Nebraska City	8,255	5,407	38,646	557,114	38,106	549,457
Neligh	283	283	1,323	18,293	1,310	17,958
Ord	1,185	1,140	5,458	81,019	5,507	80,976
Oxford	·	•	•	·	•	
	556	432	2,434	32,690	2,442	32,889
Pender	668	544	2,727	38,642	2,688	37,627
Pierce	247	247	1,147	16,119	1,113	15,632
Plainview	635	497	2,684	37,725	2,594	35,790
Randolph	462	499	2,085	30,934	1, <i>75</i> 1	33,145
Red Cloud	630	553	2,718	37,231	2,744	37,358
Sargent	391	436	1,889	27,175	1,895	26,853
Schuyler	3,787	4,060	23,750	312,003	24,726	324,142
Shickley	57	57	257	3,660	236	3,449
South Sioux City	5,000	5,000	25,437	373,670	21,369	410,638
	1,033	821	4,060	60,993	4,123	61,887
Spalding	·	89	372	·	372	5,337
Spencer	89			5,357		
Stuart	208	295	1,260	17,299	1,187	16,319
Syracuse	257	257	1,227	18,180	1,270	18,827
Tecumseh	949	695	4,031	59,301	3,681	54,755
Wahoo	2,009	1,900	10,313	138,534	10,244	137,641
Wakefield	1,172	1,320	6,541	89,782	3,302	59,351
Wayne	1,852	1,722	9,847	141,937	10,180	146,575
West Point	1,200	733	4,934	67,374	4,984	67,883
Wilber	2,366	1,422	8,432	117,508	8,594	119,572
Winside	581	458	2,291	34,587	2,411	35,893
Wisner	2,488	2,388	10,944	155,761	10,451	158,073
Wood River	150	150	718	10,248	724	10,220
Subtotal Nebraska			551,976	9,862,539	625,618	11,778,984
Total municipalities			3,537,894	51,905,202	3,694,567	54,955,430
Rural electric cooperatives						
lowa						
Central Iowa Power Coop.	11,842	16,6 <i>7</i> 5	81,563	1,079,159	81,736	1,092,573
Corn Belt Power Coop.	23,524	27,417	134,548	1,798,094	139,078	1,855,278
L&O Power Coop.	10,826	16,088	69,029	939,795	71,315	969,275
Northwest Iowa Power Coop.	37,616	46,382	222,337	2,958,671	229,789	3,053,563
•	37,010	40,302	<del></del>			
Subtotal Iowa			507,477	6,775,719	521,918	6,970,689
Minnesota	7015	0.5.7	43 503	503.070		/0= /
Agralite Electric Cooperative	7,845	9,567	41,531	581,263	43,485	605,418
Brown County Rural Electric	5,268	6,425	28,551	395,412	29,688	409,579
Federated Rural Electric Association	7,935	9,502	<i>45,317</i>	614,878	46,834	634,455
Itasca-Mantrap Coop Elec Assn.	4,108	4,643	24,159	325,066	24,875	335,386
Kandiyohi Power Cooperative	4,597	5,790	31,8 <i>77</i>	414,012	32,917	426,938
Lake Region Cooperative Electrical Assn.	13,857	16,899	75,299	1,041,796	77,630	1,073,665
McLeod Cooperative Power Association	2,058	2,510	11,289	155,419	11,594	159,702
Meeker Cooperative Light & Power	4,495	5,481	24,609	338,773	25,499	350,428
Minnesota Valley Coop.	9,447	11,853	52,015	761,247	53,731	786,127
Nobles Cooperative Electric	•		53,000	729,825	54,784	753,879
	9,649	11,768		·		•
Redwood Electric Cooperative	5,116	6,239	28,183	388,603	29,541	404,394
Runestone Electric Association	8,523	10,394	47,098	646,668	48,636	667,234
South Central Electric Association	6,769	8,255	39,352	533,231	40,365	547,111
Stearns Cooperative Electric Association	9,385	11,445	49,702	693,826	51,274	715,646
Todd-Wadena Electric Cooperative	5,653	6,895	30,568	423,366	31,646	437,842
Subtotal Minnesota			582,550	8,043,385	602,499	8,307,804

	Contract rate		FY	2001	FY 2	2000
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Montana						
Big Horn County Electric Coop.	1,590	3,483	14,335	207,661	1 <i>4,7</i> 45	214,366
Central Montana Electric Power Coop. 1	68,228	84,614	357,423	5,297,823	350,892	5,127,726
Upper Missouri G&T Elec. Coop.	37,305	53,676	299,898	4,321,740	310,169	4,464,337
Subtotal Montana			671,656	9,827,224	675,806	9,806,429
North Dakota						
Basin Electric Power Coop.	0	268,800	49,566	10,008,425	33,227	6,564,661
Capital Elec. Coop.	1,991	2,630	12,333	188,608	12,758	194,790
Central Power Electric Coop. KEM Electric Coop.	40,938 5,992	60,955 7,948	321,558 32,965	4,342,619 502,170	332,025 34,127	4,469,232 519,553
Minnkota Power Coop.	49,351	72,789	373,773	5,221,487	405,153	5,709,052
Mor-Gran-Sou Electric Coop.	3,765	6,044	26,930	394,012	27,861	406,892
Oliver-Mercer Electric Coop.	2,635	3,842	17,914	258,740	18,540	267,508
Subtotal North Dakota			835,039	20,916,061	863,691	18,131,688
South Dakota						
East River Power Coop.	116,619	138,512	706,925	9,449,911	730,517	9,753,494
Grand Electric Coop.	3,320	4,931	26,150	387,518	27,049	400,923
Northern Electric Coop.	1,280	1,798	7,515	110,152	6,649	98,353
Rosebud Electric Coop. Rushmore Electric Power Coop.	10,904 31,225	13,646 33,690	60,203 161,827	942,942 2,504,973	62,308 167,431	970,465 2,569,671
Subtotal South Dakota	31,223	33,070	962,620	13,395,496	993,954	13,792,906
			<del></del>			
Total rural electric cooperatives			3,559,342	58,957,885	3,657,868	57,009,516
Federal agencies Montana						
Frazer & Valley-BIA	2.100		2,332	5,899	2,881	7,272
3-Mile Pump	60		42	192	43	108
Subtotal Montana			2,374	6,091	2,924	7,380
North Dakota	70.5	70.1	0.400	05.011	0.505	00.010
Belcourt & Ft. Totten—BIA	725	794	2,692	35,911	2,535	39,818
Subtotal North Dakota Oklahoma			2,692	35,911	2,535	39,818
Southwestern Power Administration			4,750	198,350	44,343	1,526,627
Subtotal Oklahoma			4,750	198,350	44,343	1,526,627
<b>South Dakota</b> Ellsworth Air Force Base	8,589	10,033	58,836	867,498	60,208	889,281
Subtotal South Dakota	0,307	10,033				
			58,836	867,498	60,208	889,281
Total Federal agencies			68,652	1,107,850	110,010	2,463,106
State agencies Minnesota						
Fergus Falls State Hospital	829	871	4,305	61,054	4,278	60,685
SW Minnesota State Univ.	5,452	10,150	36,367	480,857	32,599	438,135
Willmar Regional Treatment Center	718	626	3,724	53,779	3,720	53,331
Subtotal Minnesota			44,396	595,690	40,597	552,151
Montana						
Montana State Water Cons. Board–Helena Montana State Water Cons. Board–Sidney	1,200 1,500		2,442 1,330	38,423 3,326	2,852 2,410	41,598 6,024
•	1,500					
Subtotal Montana Nebraska			3,772	41,749	5,262	47,622
Beatrice State Development Center	2,002	1,253	8,442	122,040	8,130	116,909
Hastings Regional Center	1,435	792	5,704	77,772	5,907	80,460
Municipal Energy Agency of Nebraska	3,053	2,727	23,269	524,126	46,413	1,160,080
Nebraska State Penitentary	1,782	1,451	8,456	115,966	8,743	119,750
Norfolk Regional Center	576	413	2,469	<i>37</i> ,001	2,413	35,871
Peru State College	147	588	1,941	28,651	1,956	28,727
Univ. of Nebraska–Lincoln	18,996	14,251	103,249	1,366,930	106,825	1,412,6133

	Contract rate	of delivery	FY 2001		FY 2000		
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Univ. of Nebraska–Omaha Wayne State College	1,122 286	1,277 420	6,313 1,791	90,739 26,482	6,233 1,903	89,573 27,950	
Subtotal Nebraska			161,634	2,389,707	188,523	3,071,933	
North Dakota							
Burleigh Water Users	142		188	2,664	152	2,308	
Dickey Rural Water Project			1,323	1 <i>7</i> ,531	1,297	17,032	
Grafton State School	<i>7</i> 65	900	4,792	68,720	4,881	69,946	
Missouri West	100	100	354	7,539	326	7,355	
Mclean-Sheridan	328	389	731	11,541	675	11,146	
North Dakota Mill & Elevator Assn.	4,020	4,108	24,991	357,875	25,830	369,491	
North Dakota State School for the Deaf	104	127	597	8,733	569	8,397	
North Dakota State School of Science	1,921	1,895	8,580	132,980	8,859	137,241	
North Dakota State Hospital—Jamestown	796	912	5,124	<i>77</i> ,191	5,302	79,768	
North Dakota State University—Bottineau	213	225	993	15,234	1,024	15,833	
Southwest Water Authority Univ. of North Dakota—Grand Forks	2,750 <i>7,7</i> 48	2,750 6,423	6,534 44,612	147,042 632,945	5,827 46,057	136,438 652,984	
	7,740	0,423					
Subtotal North Dakota			98,819	1,479,995	100,799	1,507,939	
<b>South Dakota</b> Northern State Univ.—Aberdeen	2.006	1 620	0 702	124 000	9 020	101 762	
South Dakota Developmental Center	2,086 1,296	1,638 864	8,792 5,140	124,808 70,793	8,020 4,911	121, <i>7</i> 63 <i>7</i> 0,668	
SD Human Services Center—Yankton	2,198	1,555	7,716	119,106	7,362	112,656	
Black Hills State University	1,440	1,248	6,319	87,407	5,277	77,006	
SD School of Mines & Technology	2,592	1,885	9,474	126,236	8,603	129,222	
SD State Penitentiary	1,968	1,392	6,991	101,712	6,834	98,353	
SD State Univ.—Brookings	7,764	6,912	40,218	575,911	37,539	536,945	
Mike Durfee State Prison	1,152	720	3,222	48,201	3,005	46,791	
SD State Training School	816	1,063	3,672	50,559	3,056	43,593	
Univ. of South Dakota—Vermillion	7,008	9,446	32,422	451,609	30,102	427,112	
Subtotal South Dakota			123,966	1,756,342	114,709	1,664,109	
Total state agencies			432,587	6,263,483	449,890	6,843,754	
Public utility districts Nebraska			<b>,</b>	-,,	,	-,,	
Nebraska Public Power District	440,554	174,634	714,135	16,208,465	722,366	16,591,823	
Omaha Public Power District	81,504	42,291	412,927	5,813,448	478,856	8,107,285	
Subtotal Nebraska			1,127,478	22,021,913	1,201,222	24,699,108	
Minnesota			1.007	40.041	0.000	140 400	
Minnesota Municipal Power Agency So. Minn Muni Pwr Agency			1,896 5,719	69,241 420,031	8,008 4,250	148,622 133,993	
Subtotal Minnesota			7,615	489,272	12,258	282,615	
South Dakota			2,010	107,272	12,200	202,010	
Missouri River Energy Services			3,934	166,880	38,286	988,436	
Heartland Consumer Power District			11,964	405,389	57,632	1,229,921	
Subtotal South Dakota			15,898	572,269	95,918	2,218,357	
Wisconsin			.,.	,	,	, -,	
Wisconsin Public Power, Inc.			1,825	66,193	5,499	121,585	
Subtotal Wisconsin			1,825	66,193	5,499	121,585	
Total public utility districts			1,152,816	23,149,647	1,314,897	27,321,665	
Native American tribes							
Minnesota							
Lower Brule (Xcel)	2,310	2,075	5,742	81,714	0	0	
Upper Sioux Indian Community (Basin)	245	204	911	12,966	0	0	
Subtotal Minnesota			6,653	94,680	0	0	
Montana				10	_	_	
Blackfeet Tribe (Glacier Electric)	5,507	5,271	13,837	196,901	0	0	
Chippewa Cree tribe (Central Montana)	330	567	1,804	10,043	0	0	
Fort Belknap (Central Montana)	2,084	2,067	6,244	34,778	0	0	
Fort Peck Tribe (Basin Electric/MDU)	4,224	3,724	13,860	197,235	0	0	

	Contract rate of delivery		FY:	2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Northern Cheyenne Tribe (Central Mont.) Crow Tribe (Big Horn)	2,407 826	1,724 1,417	8,400 1,067	119,532 15,183	0	0
Subtotal Montana			45,212	573,672	0	0
Nebraska						
Omaha Tribe of Nebraska (Basin Electric/NPP		2,108	5,670	80,683	0	0
Santee Sioux Tribe (NPPD) Winnebago Tribe (BasinElectric/NPPD)	568	521	2,207	31,407	0	0
	1,600	1,468	3,325	47,318	0	0
Subtotal Nebraska			11,202	159,408	0	0
North Dakota Spirit Lake Sioux Tribe						
(Basin Electric/Minnkota/Ottertail)			12,611	179,453	0	0
Standing Rock Sioux Tribe (Basin Electric)	4,077	3,398	16,334	232,426	0	0
Three Affiliated Tribes (Basin Electric)	2,529	2,427	10,039	142,847	0	0
Turtle Mountain Bank of Chippewa (Basin Elect		6,721	23,197	330,090	0	0
White Earth Indian Reservation (Ottertail)	1,946	1,692	7,378	104,995	0	0
Subtotal North Dakota			69,559	989,811	0	0
South Dakota	2.040	2.554	15.000	010.007	^	0
Cheyenne River Sioux Tribe (Basin Electric) Crow Creek Sioux Tribe	3,862 <i>47</i> 6	3,556 342	15,033 1,663	213,927 23,667	0	0
Lower Brule Sioux Tribe	887	817	3,453	49,141	0	0
Oglala Sioux Tribe (Basin Electric/NPPD)	9,946	9,277	27,300	388,475	0	Ö
Rosebud Sioux Tribe (Basin Electric)	6,093	5,610	17,500	249,028	0	0
Sisseton-Wahpeton Sioux Tribe						
(Basin Electric/Ottertail)	1,620	1,300	5,929	84,364	0	0
Yankton Sioux Tribe (Basin Electric/NWPS)	1,940	1,661	7,305	103,949	0	0
Subtotal South Dakota			78,183	1,112,551	0	0
Total Native American Service			210,809	2,930,122	0	0
Irrigation districts Montana						
Prairie County Water & Sewer District #2	688		1,108	9,018	1,678	25,074
Hammond Pump	240		469	6,460	527	7,340
Kinsey Irrigation District	720		1,747	4,367	2,085	5,212
Total Montana			3,324	19,845	4,290	37,626
Total irrigation districts			3,324	19,845	4,290	37,626
Investor-owned utilities Colorado						
Public Service Company of Colorado			16,027	1,671,099	135,943	10,825,230
Southwestern Public Service Company			1,150	45,900	0	0
Subtotal Colorado			1 <i>7</i> ,1 <i>77</i>	1,716,999	135,943	10,825,230
Idaho Idaho Power Company			305,717	45,045,174	437,559	18,650,265
Subtotal Idaho			305,717	45,045,174	437,559	18,650,265
lowa			10.040	000.044		000 / //
Midamerican Energy Company			10,860	339,864	30,183	920,646
Subtotal Iowa Minnesota			10,860	339,864	30,183	920,646
Minnesora Minnesora Power			0	0	52,157	1,170,919
XCEL (Northern States Power)			95,946	3,426,631	107,637	2,547,794
Otter Tail Power Company			112,921	3,831,563	103,708	2,463,298
Subtotal Minnesota			208,867	7,258,194	263,502	6,182,011
Missouri						
Kansas City Power & Light			2,650	99,850	9,085	203,920
St. Joseph Light & Power Company Utilicorp United			199 234,582	14,464 7,371,841	636 450,646	20,61 <i>7</i> 10,131, <i>7</i> 33
·						
Subtotal Missouri			237,431	7,486,155	460,367	10,356,270

Montana         Montana Power Campany         0         5,963,943         115,584         7,002,400           Subrotal Montana Power & Light Montana, LLC         50,250         5,963,943         117,800         7,402,400           Subrotal Montana         30,250         5,963,943         117,800         7,409,619           North Dakota         4,729         226,481         32,008         914,087           Subrotal North Dakota         1,104         30,441         30         1         0         0           Oklchoma         1,104         30,441         30         4         0         0         0           Octation         1,104         30,441         0         0         0         0         0           Oklchoma         1,104         30,441         0 <th></th> <th colspan="2">Contract rate of delivery</th> <th>FY</th> <th colspan="2">FY 2001</th> <th colspan="2">FY 2000</th>		Contract rate of delivery		FY	FY 2001		FY 2000	
Mannan Awer Campany   190	Customer							
Pennsylvania fewer & Light Montanian, LLC         50,000         5,963,943         115,584         7,002,400           Subtotal Montana         30,250         5,963,943         117,500         7,406,919           Montan Dokaka Unifies Co.         4,729         226,481         32,068         914,087           Okthoral Montana         4,729         226,481         32,068         914,087           Okthoral Montana         1,104         3,044         0         0         0           Okthoral Okthoma         1,104         3,044         0         0         0           Cegene Water and Electric Board         93,867         22,041,812         84,41         1,875,925           Subtotal Oktobra         3,867         22,041,812         84,41         1,875,925           Subtotal Oktobra         39,867         22,041,812         84,41         1,875,925           Subtotal Oktobra         39,867         22,041,812         84,41         1,875,925           Subtotal Oktobra         39,867         22,041,812         84,414         1,875,925           Subtotal Oktobra         39,867         22,041,812         84,414         1,875,925           Subtotal Compania         1,200         2,01,102         1,002         1,002	Montana							
Notine Dickote	1 /					·		
Notine Dickote	Subtotal Montana			50,250	5,963,943	117,800	7,469,619	
Oklohoma         1,104         3,0,41         3,0         0           Subhotod Oklohoms         1,104         3,0,41         0         0           Cregor         2         22,204,182         0         0           Eagens Water and Electric Board         93,867         22,204,182         0         0         0           Subtod Oregon         33,867         22,204,182         84,441         1,875,925           Subtod Oregon         4,022         20,1152         31,603         1,101,00           South Dakoto         49,282         20,2152         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,211,86         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,211,86         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,1156         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,1156         31,263         1,114,122           Worldwester Device Co.         1,200         71,000         0         0         0         0         0         0         0         0         0         0         0         0         0				4,729	226,481	32,068		
Oklohoma         1,104         3,0,41         3,0         0           Subhotod Oklohoms         1,104         3,0,41         0         0           Cregor         2         22,204,182         0         0           Eagens Water and Electric Board         93,867         22,204,182         0         0         0           Subtod Oregon         33,867         22,204,182         84,441         1,875,925           Subtod Oregon         4,022         20,1152         31,603         1,101,00           South Dakoto         49,282         20,2152         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,211,86         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,211,86         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,1156         31,263         1,114,122           Worldwester Public Service Co.         49,282         20,1156         31,263         1,114,122           Worldwester Device Co.         1,200         71,000         0         0         0         0         0         0         0         0         0         0         0         0         0	Subtotal North Dakota			4.729	226.481	32.068	914.087	
Subtotal Oklahoma         1,104         30,441         0         0           Oregon         1         0         20,401         2         0         8,401         1,875,925           Subtotal Oregon         93,867         22,204,182         84,401         1,875,925           Subtotal Oregon         93,867         22,204,182         84,401         1,875,925           Subtotal Oregon         93,867         22,204,182         84,401         1,875,925           Subtotal Oregon         40,071         4         0         1,141,222           Subtotal South Dakota         49,632         2,421,866         31,263         1,141,122           Washington         1,200         710,000         0	Oklahoma			·	·	·		
Oregon         Eugene Water and Electric Board         93,867         22,204,182         0         0           Eugene Water and Electric Board         93,867         22,204,182         84,441         1,875,925           Subtotal Oregon         93,867         22,204,182         84,441         1,875,925           Subtotal Oregon         93,867         22,204,182         84,441         1,875,925           Subtotal Polecte         43,229         2,021,152         31,263         1,114,122           Subtotal Suth Dekota         49,632         2421,866         31,263         1,114,122           Subtotal Suth Dekota         49,632         2421,866         31,263         1,114,122           Washington         1200         71,000         <	0,			<del></del>				
Eugen Water and Electric Board         93.6         22.04,182         0         0.0           Posific Corp         84.44         1,875,925           Subtotal Oregon         93,867         22,204,182         84,441         1,875,925           South Dokote         8         4,003         400,714         0         0           Subrotal South Dakote         49,632         2,421,866         31,263         1,114,122           Washington         1,200         710,000         0         0           Puge Sound Energy         1,200         710,000         0         0           Washington         1,200         710,000         0         0         0           Washington         1,200         710,000         0         0         0         0         0           Washington         1,200         2,000         0         0         0         0         0         0         0         0         0         0         0         0				1,104	30,441	Ū	·	
South Dakorts         Black fills Flower and Light         6,403         40,714         0         0           Black fills Flower and Light         43,229         2,021,152         31,263         1,114,120           Subtotal South Dakota         49,632         2,421,866         31,263         1,114,122           Washington         1,200         710,000         0         0         0           Subtotal Washington         1,200         710,000         0         0         0           Washington         1,200         710,000         0         0         0         0           Subtotal Washington         1,200         710,000         0	Eugene Water and Electric Board			·		_		
South Dakorts         Black fills Flower and Light         6,403         40,714         0         0           Black fills Flower and Light         43,229         2,021,152         31,263         1,114,120           Subtotal South Dakota         49,632         2,421,866         31,263         1,114,122           Washington         1,200         710,000         0         0         0           Subtotal Washington         1,200         710,000         0         0         0           Washington         1,200         710,000         0         0         0         0           Subtotal Washington         1,200         710,000         0	Subtotal Oregon			93.867	22.204.182	84.441	1.875.925	
Block Hills Power and light Northwestern Public Service Co.         6,403         40,714         0         0           Noth Howestern Public Service Co.         43,229         2,021,152         31,263         1,114,122           Substotal South Dakota         49,632         2,421,866         31,263         1,114,122           Washington         1,200         710,000         0         0         0           Substotal Washington         1,200         710,000         0         0         0         0           Wisconsin         55         3,845         225         4,575         0 <t< td=""><td>•</td><td></td><td></td><td>,</td><td>,</td><td>,</td><td>-,,-</td></t<>	•			,	,	,	-,,-	
Washington         1,200         710,000         0         0           Subtotal Washington         1,200         710,000         0         0           Wisconsin         Wisconsin         0         0         0           Modison Gas & Electric         55         3,845         225         4,575           Wisconsin Electric Power Company         0         0         3,845         225         4,575           Subtotal Wisconsin         55         3,845         225         4,575           Subtotal Wisconsin         55         3,845         225         4,575           Total investor-owned         980,889         93,407,144         1,593,351         58,312,750           British Columbia Power Exchange         87,001         7,157,548         180,762         3,461,731           Power Marketers         87,001         183,469         4,903,901         0         0         0         0         20,643,537           British Columbia Power Exchange         87,001         183,469         4,903,901         0         0         0         20,634,537           Power Marketing Loc         11,472         8,551         0         0         0         0         0         0         0	Black Hills Power and Light			·	,			
Puger Sound Energy         1,200         710,000         0         0           Subtoal Washington         1,200         710,000         0         0           Wisconsin         8         3,845         225         4,575           Wisconsin Electric Power Company         0         0         0         0         0         0           Subtoal Wisconsin         55         3,845         225         4,575           Total investor- Group and the Electric Power Company         55         3,845         225         4,575           Total investor- Group and the Electric Power Company         55         3,845         225         4,575           Total investor- Group and Electric Power Exchange         87,001         7,157,548         180,762         3,61,731           British Columbia Power Exchange         87,001         7,157,548         180,762         3,61,750         0         0         0         0         0	Subtotal South Dakota			49,632	2,421,866	31,263	1,114,122	
Subrotal Washington   1,200   710,000   0   0   0     Wisconsin	•							
Wisconsin         S5         3,845         225         4,575           Modison Gas & Electric         55         3,845         225         4,575           Wisconsin Electric Power Company         55         3,845         225         4,575           Subtotal Wisconsin         55         3,845         225         4,575           Total investor-owned         980,889         93,407,144         1,593,351         58,312,750           Power marketers         87,001         7,157,548         180,762         3,461,731           Power Ex (British Columbic) Power Exchange         87,001         7,157,548         180,762         3,461,731           Power Ex (British Columbic) ?         183,469         4,903,901         0         2,041,731         0	Puget Sound Energy			1,200	710,000	0	0	
Madison Gas & Electric Visconsin Electric Power Company         55         3,845         225         4,575           Visconsin Electric Power Company         0         0         0         0         0           Subtotal Wisconsin         55         3,845         225         4,575           Total Investor-owned         980,889         93,407,144         1,593,351         58,312,750           Power Rower Company         87,001         7,157,548         180,762         3,461,731           Power Exchange         87,001         7,157,548         180,762         3,461,731           Torn Scanda Power Company         1,7261         530,008         12,531         20,043           Torn Scanda Power Company         1,67         8,351         0         0         0         0         0         0         0         0         0         0         0	Subtotal Washington			1,200	710,000	0	0	
Subtotal Wisconsin   55   3,845   225   4,575     Total investor-owned   980,889   93,407,144   1,593,351   58,312,750     Power marketers   Subtotal Columbia Power Exchange   87,001   7,157,548   180,762   3,461,731     PowerEx (British Columbia)	Madison Gas & Electric				•		•	
Total investor-owned   980,889   93,407,144   1,593,351   58,312,750   Power marketers   Sample   Sa	• •							
Power marketers           Canda         87,001         7,157,548         180,762         3,461,731           British Columbia Power Exchange         88,001         7,157,548         180,762         3,461,731           Power Kz (British Columbia) 2         183,469         4,903,901         0         0           Manitobe Hydro         17,261         530,008         12,531         270,643           Saskatchewan Power Company         6,687         1,816,617         157,604         26,34,557           Transcalta Marketing Corporation         11,743         415,929         10,891         315,262           Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Aldbama         0         0         2,272         368,357           Subtotal Alabama         0         0         22,272         368,357           Subtotal Radiana         0         0         22,272         368,357           Subtotal Gulfornia         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Subtotal Florida         25,365         837,061         135,962         3,722,769								
Canada         British Columbia Power Exchange         87,001         7,157,548         180,762         3,461,731           Power Ex (British Columbia) 2         183,469         4,903,901         0         0           Manitobe Hydro         17,261         530,008         12,531         270,643           Saskatchewan Power Company         65,817         1,816,617         157,604         2,634,557           Transcancade Power         167         8,351         0         0         0           Transalta Marketing Corporation         11,743         415,929         10,891         13,502           Subtotal Canada         365,458         14,832,354         361,788         6,882,193           Alabama         0         0         0         22,272         368,357           Subtotal Alabama         0         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769 <td></td> <td></td> <td></td> <td>900,009</td> <td>73,407,144</td> <td>1,575,551</td> <td>30,312,730</td>				900,009	73,407,144	1,575,551	30,312,730	
PowerEx (British Columbia) 2         183,469         4,903,901         0         0           Manitoba Hydro         17,261         530,008         12,531         270,643           Saskatchewan Power Company         65,817         1,816,617         157,604         2,634,557           Transalta Marketing Corporation         167         8,351         0         0         0           Transalta Marketing Corporation         11,743         415,929         10,891         315,262           Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Alabama         Subtotal Alabama         0         0         22,272         368,357           Subtotal Alabama         Bompa Energy Trading Corp         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         <								
Manitoba Hydro         17,261         530,008         12,531         270,643           Saskatchewan Power Company         65,817         1,816,617         157,604         2,634,557           Transcanada Power         167         8,351         0         0           Transcla Marketing Corporation         11,743         415,929         10,891         315,262           Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Alabama         0         0         0         22,272         368,357           Subtotal Alabama         0         0         0         22,272         368,357           Subtotal Alabama         0         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Subtotal Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         18,991         831,092         192,528         4,350,403           Subtotal Company         18,								
Saskatchewan Power Company         65,817         1,816,617         157,604         2,634,557           Transcanada Power         167         8,351         0         0           Transcandad Power         11,743         415,929         10,891         315,262           Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Alabama         0         0         0         22,272         368,357           Subtotal Power Marketing Inc.         0         0         0         22,272         368,357           Subtotal Alabama         0         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         20,343	·			·			-	
Transalta Marketing Corporation         11,743         415,929         10,891         315,262           Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Alabama         Sonat Power Marketing Inc.         0         0         0         22,272         368,357           Subtotal Alabama         0         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           lowa         18,991         831,092         192,528         4,350,403           Subtotal lowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Mirant Company Energy Marketing         2,818         100,411         6,602         189,193	•			·				
Subtotal Canada         365,458         14,832,354         361,788         6,682,193           Alabama         Sonat Power Marketing Inc.         0         0         22,272         368,357           Subtotal Alabama         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139								
Alabama         Sonat Power Marketing Inc.         0         0         22,272         368,357           Subtotal Alabama         0         0         22,272         368,357           California         Sempra Energy Trading Corp         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           lowa         Illiant Services Company         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         20,343         593,995         0         0           Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139	Transalta Marketing Corporation			11,743	415,929	10,891	315,262	
Sonat Power Marketing Inc.         0         0         22,272         368,357           Subtotal Alabama         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         18,991         831,092         192,528         4,350,403           Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				365,458	14,832,354	361,788	6,682,193	
Subtotal Alabama         0         0         22,272         368,357           California         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           lowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         20,343         593,995         0         0           Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				0	0	22,272	368,357	
Sempra Energy Trading Corp         8,006         174,524         4,850         129,750           Subtotal California         8,006         174,524         4,850         129,750           Florida         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           lowa         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				0	0	22,272	368,357	
Subtotal California         8,006         174,524         4,850         129,750           Florida         The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         Alliant Services Company         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139								
Florida         The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           Iowa         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139	Sempra Energy Trading Corp			8,006	174,524	4,850	129,750	
The Energy Authority         25,365         837,061         135,962         3,722,769           Subtotal Florida         25,365         837,061         135,962         3,722,769           lowa         Iloya         831,092         192,528         4,350,403           Subtotal lowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				8,006	174,524	4,850	129,750	
Iowa         Image: Alliant Services Company         18,991         831,092         192,528         4,350,403           Subtotal Iowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				25,365	837,061	135,962	3,722,769	
Alliant Services Company         18,991         831,092         192,528         4,350,403           Subtotal lowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139	Subtotal Florida			25,365	837,061	135,962	3,722,769	
Subtotal lowa         18,991         831,092         192,528         4,350,403           Georgia         Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				10 001	g21 A02	100 500	1 350 103	
Georgia         20,343         593,995         0         0           Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139								
Mirant Corporation         20,343         593,995         0         0           Southern Company Energy Marketing         2,818         100,411         6,602         189,139				10,771	001,072	172,320	-,550,703	
	Mirant Corporation				•			
	Subtotal Georgia			23,161	694,406	6,602	189,139	

	Contract rat	e of delivery	FY	2001	FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Maryland						
Constellation Power Source Merchant Energy Group of America			8,084 102	200,571 4,897	20,647 0	<i>474,452</i> 0
Subtotal Maryland			8,186	205,468	20,647	474,452
Massachusetts			,	,	•	•
PG & E Energy Trading			50	1,751	0	0
Subtotal Massachusetts			50	1,751	0	0
Minnesota Cargill-Alliant			214,038	8,504,218	402,842	9,006,173
Lighthouse Energy Trading Company			539	40,876	0	0
MAPPCOR			0	0	0	520,710
Northern/AES NRG Power Marketing, Inc.			0 1,308	0 33,958	30,752 0	626,925 0
Split Rock Energy			100,659	3,531,899	30,225	903,008
Utilities Plus			81	5,411	0	0
Subtotal Minnesota			316,625	12,116,362	463,819	11,056,816
Missouri			014045	( 450 101	444040	11.007.747
Aquila Power Associated Electric Schedule Trans.			214,865 32,475	6,452,191 633,388	444,863 49,209	11,926, <i>7</i> 46 1,355,408
Western Resources			19,410	537,516	104,637	2,931,033
Subtotal Missouri			266,750	7,623,095	598,709	16,213,187
North Dakota Rainbow Energy Marketing Corp.			49,702	1,917,744	54,833	1,402,210
Subtotal North Dakota			49,702	1,917,744	54,833	1,402,210
Oklahoma			47,702	1,717,7-1-1	3-1,000	1,402,210
OGE Energy Resources, Inc.			850	14,501	0	0
Subtotal Oklahoma			850	14,501	0	0
Texas			0.404	1/0.750	0	0
Conoco Gas and Power Marketing Coral Power			8,484 1,150	160,753 28,651	0 4,955	0 81,697
Dynegy Power Marketing			2,776	84,523	4,733	01,077
El Paso Merchant Energy			50	1,851	35,018	724,081
Engage Energy			0	0	11 <i>,77</i> 1	306,782
Enron Power Marketing Group			15,067	603,547	31,112	853,654
Entergy Power Marketing Reliant Energy Services			0 300	0 6,601	19,693 4,774	344,170 95,457
TXU Energy Trading			8,084	195,681	4,774	73,437
Tenaska Power Services Co.			68,708	1,887,874	117,672	2,450,132
Subtotal Texas			104,619	2,969,481	224,995	4,855,973
<b>Utah</b> Duke Energy Trading & Marketing			650	6,988	0	0
Subtotal Utah			650	6,988	0	0
Wisconsin						
Gen-sys Energy			40,856	1,233,088	6,115	98,634
Subtotal Wisconsin			40,856	1,233,088	6,115	98,634
Total Power marketers			1,229,269	43,457,915	2,093,120	49,543,883
Pick-Sloan Missouri Basin Program — Eastern Division subtotal	•		11,175,582	281,199,093	12,917,993	256,487,730
Project use sales			35,285	130,689	42,275	146,517
Pick-Sloan Missouri Basin Program —						
Eastern Division subtotal			11,210,867	281,329,782	12,960,268	256,634,247

	Contract rate of delivery		FY	FY 2001		FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
<b>Interproject Colorado</b> Loveland Area Projects <sup>3</sup>			105,993	12,059,354	101,254	3,471,278	
Subtotal Colorado			105,993	12,059,354	101,254	3,471,278	
Total interproject sales			105,993	12,059,354	101,254	3,471,278	
Pick Sloan Missouri Basin Program — Eastern Division totals $^4$			11,316,860	293,389,136	13,061,522	260,105,525	

Includes energy sales to and revenue from the Native American customers Fort Belknap Community Council and Chippewa-Cree. Sales to PowerEx (British Columbia)were made before the company merged with British Columbia Power Exchange.

### Pick-Sloan Missouri Basin Program **Status of Repayment**

Cumulative activities as of Sept. 30, 2001 (Dollars in thousands)

	Cumulative 2000	Adjustments	Annual 2001	Cumulative 2001
Revenue:				
Gross operating revenue	5,528,882	22,986	410,116	5,961,984
Income transfers (net)	2,700	0	0	2,700
Total operating revenue	5,531,582	22,986	410,116	5,964,684
Expenses:				
O & M and other	2,436,575	(11,445)	131,691	2,556,821
Purchase power and other Interest	594,683	(3,401)	282,276	873,558
Federally financed	1,325,961	3,301	53,230 <sup>2</sup>	1,382,492
Non-Federally financed	13 <i>,7</i> 61	(1,220) <sup>2</sup>	2,390	14,931
Total interest	1,339,722	2,081	55,620	1,397,423
Total expense	4,370,980	(12,765)	469,587	4,827,802
(Deficit)/Surplus revenue	0	3	(63,456)	(63,453)
Investment:				
Federally financed power	2,201,888	18,970	102,633	2,323,491
Non-Federally financed power	25,023	(1,768)	0	23,255
Nonpower	764,856	0	(4,383)	760,473
Total investment	2,991,767	17,202	98,250	3,107,219
Investment repaid:				
Federally financed power	1,157,887	34,531	0	1,192,418
Non-Federally financed power	450	1,217	107	1, <i>774</i>
Nonpower	2,265	0	3,878	6,143
Total investment repaid	1,160,602	35,748	3,985	1,200,335
Investment unpaid:				
Federally financed power	1,044,001	(15,561)	102,633	1,131,073
Non-Federally financed power	24,573	(2,985)	(107)	21,481
Nonpower	762,591	0	(8,261)	754,330
Total investment unpaid	1,831,165	(18,546)	94,265	1,906,884
Percent of investment repai	d to date:			
Federal power	52.59%			51.32%
Non-Federal power	1.80%			7.63%
Nonpower	0.30%			0.81%

<sup>&</sup>lt;sup>1</sup> This column ties to the Cumulative 2000 numbers on page 132 of the 2000 Operations Summary.

Includes sales of nonfirm energy to SLCA/IP (31,072 MWh and \$4,612,360).
 These totals include Joint Marketing Plan sales of 1,361,314 MWh and \$76,540,104 for FY 2001 and 1,955,727 MWh and \$41,289,280 for FY 2000.

<sup>&</sup>lt;sup>2</sup> Contains the adjustments for the final Buffalo Bill cost allocation.

### Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

		200	00			9		
Assets:	Western	Reclamation	Corps	Total	Western	Reclamation	Corps	Total
Utility plant: Completed plant Accumulated depreciation	\$ 1,230,252 (490,789)	384,614 (159,181)	872,131 (417,632)	2,486,997 (1,067,602)	1,198,488 (467,973)	373,554 (153,838)	871,650 (408,023)	2,443,692 (1,029,834)
Construction work in progress	739,463 81,701	225,433 6,052	454,499 22,050	1,419,395 109,803	730,515 91,307	219,716 10,417	463,627 12,833	1,413,858 114,557
Net utility plant	821,164	231,485	476,549	1,529,198	821,822	230,133	476,460	1,528,415
Cash Accounts receivable Other assets	62,356 52,987 52,424	10,711 0 3,031	5,056 0 4,285	78,123 52,987 59,740	52,773 46,995 43,930	9,795 0 3,296	5,254 0 2,329	67,822 46,995 49,555
Total assets	988,931	245,227	485,890	1,720,048	965,520	243,224	484,043	1,692,787
Federal investment and liabilitie Federal investment: Congressional appropriations Interest on Federal investment Transfer of property & services, net	2,018,760 773,931 1,347,035	1,035,333 271,686 59,368	1,249,407 563,300 (1,113,206)	4,303,500 1,608,917 293,197	1,914,364 714,002 1,285,020	984,844 267,907 120,780	1,213,077 562,429 (1,112,715)	4,112,285 1,544,338 293,085
Gross Federal investment Funds returned to U.S. Treasury	4,139,726 (3,269,455)	1,366,387 (1,279,149)	699,501 0	6,205,614 (4,548,604)	3,913,386 (3,012,893)	1,373,531 (1,279,148)	662,791 0	5,949,708 (4,292,041)
Net outstanding Federal investment Accumulated net revenues/(deficit)	870,271 74,849	87,238 128,398	699,501 (220,564)	1,657,010 (17,317)	900,493 34,315	94,383 118,029	662,791 (185,738)	1,657,667 (33,394)
<b>Total Federal investment</b>	945,120	215,636	478,937	1,639,693	934,808	212,412	447,053	1,594,273
Commitments and contingencies  Liabilities:  Accounts payable Other liabilities	8,448 35,363	1,833 27,758	2,555 4,398	12,836 67,519	9,583 21,129	2,774 28,038	4,599 2,391	16,956 51,558
Total liabilities	43,811	29,591	6,953	80,355	30,712	30,812	6,990	68,514
Total Federal investment & liabilities	\$ 988,931	245,227	485,890	1,720,048	965,520	243,224	484,043	1,692,787

### Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000 and 1999 (in thousands)

Western	Reclamation	C					
		Corps	Total	Western	Reclamation	Corps	Total
\$ 301,089 66,730	0 1,800	0 36	301,089 68,566	\$ 274,372 56,662	0 1,507	0	274,372 58,202
367,819 (64,842)	1,800 64,843	36 0	369,655 1	331,034 (114,208)	1,507 114,208	33	332,574 0
302,977	66,643	36	369,656	216,826	115,715	33	332,574
70,689 15,818 84,937 4,332 31,323	23,870 0 0 0 28,415	24,416 0 0 0 10,446	118,975 15,818 84,937 4,332 175,271	64,573 13,590 48,229 9,633 21,483	24,415 0 0 0 11,437	24,132 0 0 0 12,945	113,120 13,590 48,229 9,633 45,865
							102,137
59,835	6,512	870 (870)	59,333 (7,884)	46,772	19,363	0	66,135
55,344	3,989	0	59,333	40,882	26,181	0	67,063
40,534	10,369	(34,826)	16,077	18,436	53,682	(37,044)	35,074
\$ 74,849	128,398	220,564	(17,317)	\$ 34,315	118,029	(185,738)	(33,394)
	66,730 367,819 (64,842) 302,977 70,689 15,818 84,937 4,332 31,323 207,099 95,878 59,835 (4,491) 55,344 40,534 34,315	66,730     1,800       367,819     1,800       (64,842)     64,843       302,977     66,643       70,689     23,870       15,818     0       84,937     0       4,332     0       31,323     28,415       207,099     52,285       95,878     14,358       59,835     6,512       (4,491)     (2,523)       55,344     3,989       40,534     10,369       34,315     118,029	66,730         1,800         36           367,819         1,800         36           (64,842)         64,843         0           302,977         66,643         36           70,689         23,870         24,416           15,818         0         0           84,937         0         0           4,332         0         0           31,323         28,415         10,446           207,099         52,285         34,862           95,878         14,358         (34,826)           59,835         6,512         870           (4,491)         (2,523)         (870)           55,344         3,989         0           40,534         10,369         (34,826)           34,315         118,029         (185,738)	66,730         1,800         36         68,566           367,819         1,800         36         369,655           (64,842)         64,843         0         1           302,977         66,643         36         369,656           70,689         23,870         24,416         118,975           15,818         0         0         15,818           84,937         0         0         84,937           4,332         0         0         4,332           31,323         28,415         10,446         175,271           207,099         52,285         34,862         294,246           95,878         14,358         (34,826)         75,410           59,835         6,512         870         59,333           (4,491)         (2,523)         (870)         (7,884)           55,344         3,989         0         59,333           40,534         10,369         (34,826)         16,077           34,315         118,029         (185,738)         (33,394)	66,730         1,800         36         68,566         56,662           367,819         1,800         36         369,655         331,034           (64,842)         64,843         0         1         (114,208)           302,977         66,643         36         369,656         216,826           70,689         23,870         24,416         118,975         64,573           15,818         0         0         15,818         13,590           84,937         0         0         84,937         48,229           4,332         0         0         4,332         9,633           31,323         28,415         10,446         175,271         21,483           207,099         52,285         34,862         294,246         157,508           95,878         14,358         (34,826)         75,410         59,318           59,835         6,512         870         59,333         46,772           (4,491)         (2,523)         (870)         (7,884)         (5,890)           55,344         3,989         0         59,333         40,882           40,534         10,369         (34,826)         16,077         18,436	66,730         1,800         36         68,566         56,662         1,507           367,819         1,800         36         369,655         331,034         1,507           (64,842)         64,843         0         1         (114,208)         114,208           302,977         66,643         36         369,656         216,826         115,715           70,689         23,870         24,416         118,975         64,573         24,415           15,818         0         0         15,818         13,590         0           84,937         0         0         84,937         48,229         0           4,332         0         0         4,332         9,633         0           31,323         28,415         10,446         175,271         21,483         11,437           207,099         52,285         34,862         294,246         157,508         35,852           95,878         14,358         (34,826)         75,410         59,318         79,863           59,835         6,512         870         59,333         46,772         19,363           (4,491)         (2,523)         (870)         (7,884)         (5,890)         6,	66,730         1,800         36         68,566         56,662         1,507         33           367,819         1,800         36         369,655         331,034         1,507         33           (64,842)         64,843         0         1         (114,208)         114,208         0           302,977         66,643         36         369,656         216,826         115,715         33           70,689         23,870         24,416         118,975         64,573         24,415         24,132           15,818         0         0         15,818         13,590         0         0           84,937         0         0         84,937         48,229         0         0           4,332         0         0         4,332         9,633         0         0           31,323         28,415         10,446         175,271         21,483         11,437         12,945           207,099         52,285         34,862         294,246         157,508         35,852         37,077           95,878         14,358         (34,826)         75,410         59,318         79,863         0           (4,491)         (2,523)         (870) </td

# Salt Lake City Area/Integrated Projects

ower generated at Colorado River Storage Project plants and from the Collbran and Rio Grande projects was combined into the Salt Lake City Area/Integrated Projects on Oct. 1, 1987, and is marketed under the Post-1989 General Power Marketing and Allocation Criteria, developed in 1986 and modified in 1989.



#### **Collbran Project**

The Collbran Project, located in west-central Colorado about 35 miles northeast of Grand Junction near the town of Collbran, was authorized by Congress on July 3, 1952. Construction of the project started in 1957 and was essentially completed in 1962.

Collbran developed a major part of the unused water of Plateau Creek and its principal tributaries for irrigation, flood control, recreational and fish and wildlife benefits. It includes several small diversion dams, 34 miles of canals, 19 miles of pipeline and two powerplants (Upper and Lower Molina) with a combined capacity of 14 MW. Net generation in 2001 was 31 million kWh. The five-year average generation is 46 million kWh.

#### **Rio Grande Project**

The Rio Grande Project was authorized by the Rio Grande Reclamation Project Act of Feb. 25, 1905. The project is located on the Rio Grande River in south-central New Mexico. Elephant Butte Dam, 125 miles north of El Paso, Texas, was completed in 1916. Caballo Dam, a flood control and reregulating reservoir, located 13 miles downstream, was added to the project in 1938.

Elephant Butte Powerplant and the 115-kV transmission system were added in 1940 and 1952, respectively. The transmission system was sold to Plains Electric Generation and Transmission Cooperative in 1979. Hot Springs Substation was sold to Truth or Consequences, N.M., in 1984. The three-unit powerplant has an operating capacity of 28 MW.

Elephant Butte Powerplant produced 2001 net generation of 97 million kWh. The five-year average is 105 million kWh.

#### **Colorado River Storage Project**

The Colorado River Storage Project was authorized by the Act of April 11, 1956. It consists of four major storage units: Glen Canyon, on the Colorado River in Arizona near the Utah border; Flaming Gorge on the Green River in Utah near the Wyoming border; Navajo, on the San Juan River in northwestern New Mexico near the Colorado border; and the Wayne N. Aspinall unit (formerly Curecanti), on the Gunnison River in west-central Colorado.

CRSP has a combined storage capacity that exceeds 33.5 million acre-feet. The project provides water-use developments in the upper Colorado River basin while still maintaining water deliveries to the lower Colorado River as required by the Colorado River Compact. Six Federal powerplants are associated with the project. Operating capacity of CRSP's 16 generating units is 1,710,000 kW. With about 7 billion kWh of net generation for the past five years, CRSP provides for the electrical needs of

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more than 1 million people spread across Colorado, Utah, New Mexico and Arizona. Portions of southern California, Nevada and Wyoming are also served by CRSP power. More than 4,131 circuit kilometers of high-voltage transmission lines are strung throughout these states to deliver power to customers.

Runoff at Lake Powell was 59.3 percent of average in FY 2001. Reclamation's releases from Lake Powell were 8.24 million acre-feet, exceeding the minimum objective release obligation of 8.23 MAF. CRSP hydrogeneration produced about 4,836,477 MWh in FY 2001.

#### Seedskadee Project

The Seedskadee Project is located in southwestern Wyoming in the Upper Green River Basin, which is a part of the Upper Colorado River Basin. Seedskadee was authorized for construction as a participating project of the Colorado River Storage Project by the Colorado River Storage Project Act of April 11, 1956.

The project's Fontenelle Dam and Reservoir were completed in April 1964. Power facilities associated with the dam were completed in January 1966. These included a 10-megawatt powerplant and switchyard at Fontenelle Dam and necessary transmission lines to interconnect with the Colorado River Storage Project transmission system at Flaming Gorge Powerplant. The powerplant has since been uprated to 11.5 MW. Fontenelle powerplant came online in 1968.

The authorizing legislation required that power's share of the project's allocated costs be repaid from power revenues from Fontenelle powerplant. For this reason, the Bureau of Reclamation prepared a separate financial statement and power repayment study for Seedskadee through 1977. However, when the facilities were turned over to Western in 1978, Seedskadee's power repayment study was combined into the CRSP PRS.

A re-examination of CRSP's enabling legislation in FY 1991 resulted in Western's realization that Congress intended each CRSP participating project to be financially self-sufficient. Beginning in 1993, Western resumed preparing a separate PRS and financial statements for Seedskadee, including making adjustments to CRSP revenues, expenses and capitalization to separate Seedskadee's financial data from CRSP. Net generation in FY 2001 was 29 million kWh. The five-year average generation is 63 million kWh.

#### **Dolores Project**

The Dolores Project, located in Montezuma and Dolores counties in southwestern Colorado, was authorized for construction as a participating project of the Colorado River Storage Project by Public Law 90-537, Sept. 30, 1968; and Public Law 98-569, Oct. 30, 1984. Construction of the project began in 1977. This multipurpose project provides 12.8 MW of installed power generating capacity along with municipal and industrial water, irrigation water, and recreation and fish and wildlife enhancement. Primary storage is provided by the McPhee Dam and Reservoir on the Dolores River.

Powerplants are located on the McPhee Dam and the Towaoc Canal to generate power for the Colorado River Storage Project power system. The McPhee Dam powerplant operates year-round on fishery releases from McPhee Reservoir while the Towaoc Canal powerplant operates from April to October on the irrigation water supply conveyed through the canal. The powerplants at McPhee Dam, completed in 1992 and on the Towaoc Canal, completed in 1993, produce 1,283 kW and 11,495 kW, respectively, for use in the CRSP power system. Net generation in FY 2001 was 25 million kWh. The five-year average generation is 20.4 million kWh.

Similar to the Seedskadee Project, the authorizing legislation requires that power's share of the project's allocated costs be repaid from power revenues from the two Dolores powerplants.

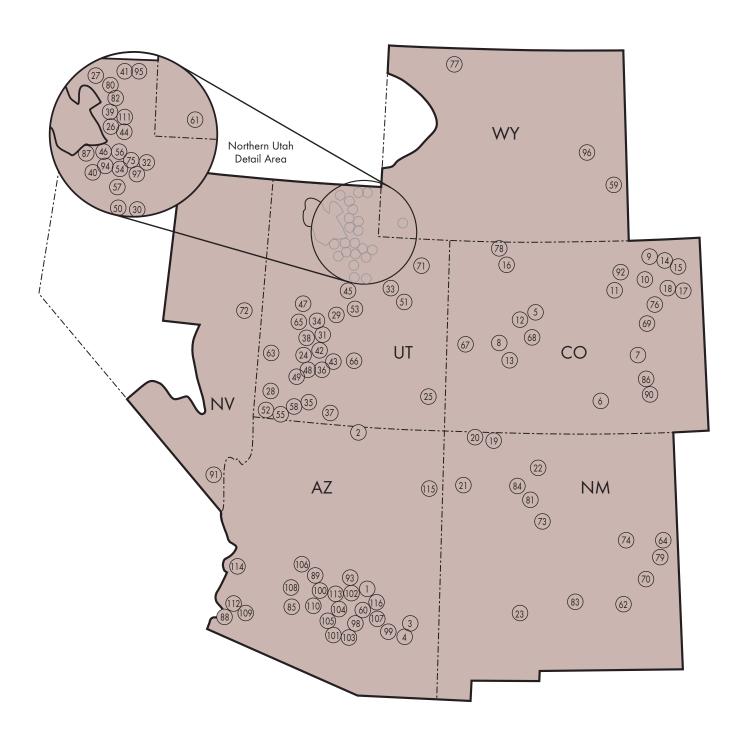
#### Salt Lake City Area/Integrated Projects

Generation from the Colorado River Storage and its participating projects (Dolores and Seedskadee), and from the Collbran and Rio Grande projects, are marketed as the Salt Lake City Area/Integrated Projects. Integrated Projects FY 2001 net generation was 5 billion kWh, or 24 percent less than average net generation. Average generation for the integrated projects since 1989 is about 6.6 billion kWh.

SLCA/IP power marketed by Western decreased by 12 percent from 7.7 billion kWh in FY 2000 to 6.9 billion kWh in FY 2001. In FY 2001, power revenues increased by 45 percent from \$154 million in FY 2000 to \$223 million. However, Western was required to purchase 1,987,501 MWh to supplement firm contractual requirements and other obligations—a 1.9-percent increase from the 2,026,166 MWh purchased last year.

# Salt Lake City Area/Integrated Projects

# Firm Power Customers and Marketing Area



#### **Muncipalities** Arizona

- 1 City of Mesa
- 2 Page-UAMPS
- 3 Safford
- 4 Thatcher

#### Colorado

- 5 Aspen
- 6 Center
- Colorado Springs
- 8 Delta
- 9 Fleming
- 10 Fort Morgan
- 11 Frederick
- Glenwood Springs
- 13 Gunnison
- 14 Haxtun
- 15 Holyoke
- 16 Oak Creek
- 17 Wray
- 18 Yuma
- **New Mexico**
- 19 Aztec
- 20 Farmington
- 21 Gallup
- 22 Los Alamos County
- 23 Truth or Consequences

#### Utah

- 24 Beaver City-UAMPS
- 25 Blanding—ÚAMPS
- 26 Bountiful-UAMPS
- 27 Brigham City
- 28 Enterprise-UAMPS
- 29 Ephraim-UAMPS
- 30 Fairview-UAMPS
- 31 Fillmore-UAMPS
- 32 Heber City-UAMPS
- 33 Helper

- 34 Holden-UAMPS
- 35 Hurricane-UAMPS
- 36 Hyrum-UAMPS
- 37 Kanab-UAMPS
- 38 Kanosh-UAMPS 39 Kaysville-UAMPS
- 40 Lehi-UAMPS
- 41 Logan-UAMPS
- 42 Meadow-UAMPS
- 43 Monroe-UAMPS
- 44 Morgan-UAMPS
- 45 Mt. Pleasant-UAMPS
- 46 Murray-UAMPS
- 47 Oak City-UAMPS
- 48 Paragonah-UAMPS
- 49 Parowan-UAMPS
- 50 Payson-UAMPS
- 51 Price
- 52 Santa Clara-UAMPS
- 53 Spring City-UAMPS
- 54 Springville-UAMPS
- 55 St. George-UAMPS
- Utah Association of Municipal Power Systems
- Utah Municipal Power Agency
- 58 Washington-UAMPS

#### Wyoming

59 Torrington

#### **Rural electric cooperatives**

- 60 Arizona Electric Cooperative
- 61 Bridger Valley E.A.
- 62 Central Valley Electric Coop.
- 63 Dixie-Escalante REA
- 64 Farmers Electric Coop
- 65 Flowell E.A.
- 66 Garkane Power Assn.

- 67 Grand Valley Electric Coop.
- 68 Holy Cross
- 69 Intermountain Rural Electric Coop.
- 70 Lea County Electric Coop.
- 71 Moon Lake Electric Association
- 72 Mt. Wheeler Power Assn.
- 73 Tri-State G&T Assn.
- 74 Roosevelt County Electric Coop.
- 75 Strawberry Water Users District-**UAMPS**
- 76 Tri-State G&T Assn.
- 77 Willwood Light & Power Co.
- 78 Yampa Valley Elec. Assn.

#### Federal agencies

- 79 Cannon Air Force Base
- 80 Defense Depot Ogden
- 81 Albuquerque Operations-DOE
- 82 Hill Air Force Base
- 83 Holloman Air Force Base
- 84 Kirtland Air Force Base
- 85 Luke Air Force Base
- 86 Pueblo Army Depot
- 87 Tooele Army Depot
- 88 Yuma Proving Grounds

#### State agencies

- 89 Arizona Power Pool Assn.
- 90 Arkansas River Power Authority
- Colorado River Commission
- 92 Platte River Power Authority
- 93 Salt River Project
- 94 University of Utah
- 95 Utah State University
- 96 Wyoming Municipal Power Agency

#### Irrigation districts

- 97 Central Utah Water Conservancy Dist.—UAMPS
- Chandler Heights Citrus Irrigation Dist.
- 99 ED-2
- 100 ED-3 Pinal
- 101 ED-4 Pinal
- 102 ED-5 Maricopa
- 103 ED-5 Pinal
- 104 ED-6 Pinal
- 105 ED-7
- 106 Maricopa Co. MWCD No.1
- 107 Queen Creek ID
- 108 Roosevelt ID
- 109 Roosevelt WCD
- 110 San Tan ID
- 111 Weber Basin Water
  - Conservancy District—UAMPS
- 112 Wellton-Mohawk ID

#### **Native American tribes**

- 113 Ak-Chin Indian Community
- 114 Colorado River Agency
- 115 Navajo Tribal Utility Auth.
- 116 San Carlos Irrigation Project

Note: Does not include interproject and Bureau of Reclamation customers.

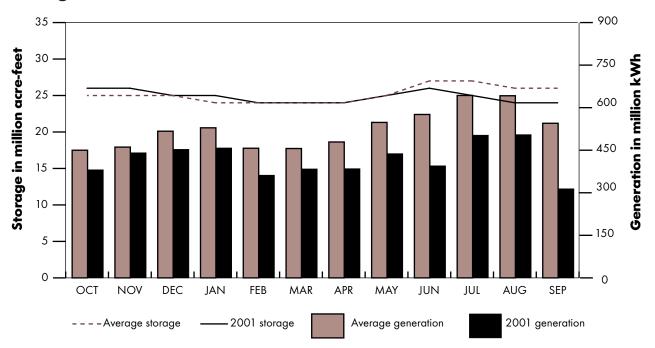
# **Energy Resource and Disposition** Facilities and Substations

•	(	GWh)			
	FY 2001	FY 2000		FY 2001	FY 2000
Energy resources Net generation	5,022	6,138	<b>Substations</b> Number of substations	25	25
Interchange Received Delivered	83 40	433 168	Number of transformers Transformer capacity (kVA)	38 4,927,895	38 4,927,895
Net	43	265	Land (fee)		
Purchases NonWestern Western	1,634 353	2,001 25	Acres Hectares  Land (easement)	569.21 230.45	695.55 281.60
Total purchases	1,987	2,026	Acres	251.08	251.08
Total energy resources	7,052	8,429	Hectares	101.65	101.65
Energy disposition Sales of electric energy Western sales Project use sales	6,829 47	7,627 83	Land (withdrawal) Acres Hectares	128.26 51.93	129.00 52.23
Total energy sales	6,876	7,710	Buildings and communications  Number of buildings	s sites 72	72
Other Interproject Operating energy account	28 0	60 318	Number of communications sites  Land (fee)  Acres	65 3.13	3.13
Total other	28	378	Hectares	1.27	1.27
<b>Total energy delivered</b> System and contractual losses	<b>6,904</b>	<b>8,088</b>	<b>Land (easement)</b> Acres Hectares	42.06 17.03	42.42 17.17
Total energy disposition	7,052	8,429	Heciales	17.03	17.17

#### **Transmission Lines**

	Ari	zona	Colo	rado	New I	Mexico	U	tah	Wyd	ming	Te	otal
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
345-kV												
Circuit miles	477.34	477.34	375.58	375.58	31.86	31.86	17.60	17.60	0.00	0.00	902.38	902.38
Circuit kilometers	768.04	768.04	604.31	604.31	51.26	51.26	28.32	28.32	0.00	0.00	1,451.93	1,451.93
Acres	8,413.77	8,413.77	7,158.03	7,166.78	579.39	579.39	308.17	308.17	787.47	824.42	17,246.83	17,292.53
Hectares	3,406.39	3,406.39	2,897.99	2,901.54	234.57	234.57	124.77	124.77	318.81	333.77	6,982.54	7,001.04
230-kV												
Circuit miles	155.96	155.96	791.78	791.78	67.39	67.39	0.00	0.00	0.00	0.00	1,015.13	1,015.13
Circuit kilometers	250.94	250.94	1,273.97	1,273.97	108.43	108.43	0.00	0.00	0.00	0.00	1,633.34	1,633.34
Acres	2,783.97	2,783.97	7,867.16	7,812.48	1,006.98	1,006.98	0.00	0.00	1,347.26	1,359.54	13,005.37	12,962.97
Hectares	1,127.12	1,127.12	3,185.09	3,162.95	407.69	407.69	0.00	0.00	545.45	550.42	5,265.34	5,248.18
138-kV												
Circuit miles	0.00	0.00	188.57	188.57	0.00	0.00	116.80	116.80	0.00	0.00	305.37	305.37
Circuit kilometers	0.00	0.00	303.41	303.41	0.00	0.00	187.93	187.93	0.00	0.00	491.34	491.34
Acres	0.00	0.00	1,904.92	1,901.24	0.00	0.00	1,089.52	1,089.52	0.00	0.00	2,994.44	2,990.76
Hectares	0.00	0.00	771.22	769.73	0.00	0.00	441.10	441.10	0.00	0.00	1,212.33	1,210.84
115-kV												
Circuit miles	0.00	0.00	134.20	134.20	0.00	0.00	0.00	0.00	0.00	0.00	134.20	134.20
Circuit kilometers	0.00	0.00	215.93	215.93	0.00	0.00	0.00	0.00	0.00	0.00	215.93	215.93
Acres	0.00	0.00	1,190.61	1,199.10	0.00	0.00	0.00	0.00	0.00	0.00	1,190.61	1,199.10
Hectares	0.00	0.00	482.03	485.47	0.00	0.00	0.00	0.00	0.00	0.00	482.03	485.47
69-kV and below												
Circuit miles	5.36	5.36	22.80	22.80	2.70	2.70	0.32	0.32	0.00	0.00	31.18	31.18
Circuit kilometers	8.62	8.62	36.69	36.69	4.34	4.34	0.51	0.51	0.00	0.00	50.17	50.17
Acres	203.02	203.02	192.76	192.76	12.44	12.44	21.67	21.67	0.00	0.00	429.89	429.89
Hectares	82.19	82.19	78.04	78.04	5.04	5.04	8.77	8.77	0.00	0.00	174.04	174.04
Totals												
Circuit miles	638.66	638.66	1,512.93	1,512.93	101.95	101.95	134.72	134.72	0.00	0.00	2,388.26	2,388.26
Circuit kilometers	1,027.60	1,027.60	2,434.30	2,434.30	164.04	164.04	216.76	216.76	0.00	0.00	3,842.71	3,842.71
Acres	11,400.76	11,400.76	18,313.48	18,272.36	1,598.81	1,598.81	1,419.36	1,419.36	2,134.73	2,183.96	34,867.14	34,875.25
Hectares	4,615.70	4,615.70	7,414.38	7,397.73	647.29	647.29	574.64	574.64	864.27	884.20	14,116.28	14,119.57

### **Storage and Generation**



### **Firm Power Rate Provisions**

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2001	SLIP-F6	\$3.44	8.10 mills/kWh	4/1/98	17.57 mills/kWh

## **Transmission and Ancillary Services Rate Provisions**

Fiscal year	Rate schedule designation	Rate
2001	SP-PTP5, Firm Point-to-Point Transmission Service	\$2.14 per kW per month.
	SP-NFT4, Nonfirm Point-to-Point Transmission Service	Mutually agreed by Western and purchasing entity up to 2.93 mills/kWh.
	SP-SD1, Scheduling System Control & Dispatch Service	Included in transmission rate. RM and DSW rate schedules apply for non-transmission, accordingly.
	SP-RSI, Reactive & Voltage Control Service	RM and DSW rate schedules apply, accordingly.
	SP-EI1, Energy Imbalance Service	Cost plus 10%.
	SP-FRI, Regulation & Frequency Response Service SP-SSR1, Spinning and Supplemental Reserve Service	\$3.44 per kW per month if available; or costs plus 10%. Cost plus 10%. Firm power rate if available.

### **Marketing Plan Summary**

Project	Expiration date
Salt Lake City Area Integrated Projects	Sept. 30, 2004

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#### **Powerplants**

Project/state/	Operating		Initial in-service	Existing number	Installed capability <sup>1</sup>		tual	Not woneve	ıtion GWh <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	pability (MW) July 1, 2000	FY 2001	FY 2000
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 64	8	1,356	1,296	1,296	3,940	4,600
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 67	2	96	86	86	205	279
Crystal	Reclamation	Gunnison	Sep 78	1	28	28	28	151	182
Lower Molina	Reclamation	Pipeline	Dec 62	1	5	5	5	11	14
McPhee	Reclamation	Dolores	Jun 93	1	1	1	1	4	6
Morrow Point	Reclamation	Gunnison	Dec 70	2	165	165	165	271	358
Towaoc	Reclamation	Canal	Jun 93	1	11	11	11	21	23
Upper Molina	Reclamation	Pipeline	Dec 62	1	9	9	9	20	25
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 40	3	28	28	28	97	92
Utah									
Flaming Gorge	Reclamation	Green	Nov 63	3	152	152	152	268	495
Wyoming									
Fontenelle	Reclamation	Green	May 68	1	13	10	10	32	64
Salt Lake City Ar	ea/Integrated P	rojects Total		24	1,864	1,792	1,792	5,022	6,138

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit and independent of water constraints.

# Firm and Nonfirm Energy Sales by Customer Category

		FY 2001			FY 2000	
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Municipalities 1						
Energy sales - MWh	1,490,740	115,605	1,606,345	1,837,094	71,999	1,909,093
Power revenues - \$	28,698,880	8,887,855	37,586,734	29,827,302	2,373,413	32,200,715
Cooperatives						
Energy sales - MWh	2,242,905	48,285	2,291,190	2,847,252	62,587	2,909,839
Power revenues - \$	43,130,710	2,446,657	45,577,367	48,248,107	1,584,502	49,832,609
Federal agencies <sup>2</sup>						
Energy sales - MWh	358,070	6,477	364,547	548,209	5,634	553,843
Power revenues - \$	7,093,226	558,809	7,652,035	8,868,369	159,462	9,027,831
State agencies						
Energy sales - MWh	1,070,169	125,985	1,196,154	1,339,559	98,239	1,437,798
Power revenues - \$	27,738,131	17,480,087	45,218,218	21,564,559	3,744,512	25,309,071
Public utility districts						
Energy sales - MWh	0	0	0	0	300	300
Power revenues - \$	0	0	0	0	11,700	11,700
Irrigation districts						
Energy sales - MWh	93,830	28,032	121,862	45,771	4,689	50,460
Power revenues - \$	2,199,448	1,967,597	4,167,045	722,732	58,915	781,647
Investor-owned utilities						
Energy sales - MWh	0	1,066,485	1,066,485	0	602,721	602,721
Power revenues - \$	0	50,583,026	50,583,026	0	21,601,546	21,601,546
Power marketers						
Energy sales - MWh	0	182,764	182,764	0	163,292	163,292
Power revenues - \$	0	27,903,584	27,903,584	0	7,243,074	7,243,074
Total <sup>3</sup>						
Energy sales - MWh	5,255,713	1,573,633	6,829,346	6,617,885	1,009,461	7,627,346
Power revenues - \$	108,860,394	109,827,614	218,688,008	109,231,069	36,777,124	146,008,193

<sup>&</sup>lt;sup>1</sup> Includes the Ak-Chin Indian Community.

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities, such as project pumping energy.

 $<sup>^{2}</sup>$  Includes the Navajo Tribal Utility Authority, the Colorado River Agency and San Carlos Irrigation Project.

<sup>3</sup> Does not include interdepartmental, interproject or project use sales and revenues.

# Firm and Nonfirm Energy Sales by State

		FY 2001	•		FY 2000	
State	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Arizona <sup>1</sup>						
Energy sales - MWh	739,374	103,341	842,715	897,076	1 <i>7</i> 4, <i>7</i> 91	1,071,867
Power revenues - \$	22,516,901	11,336,179	33,853,079	14,238,083	6,131,877	20,369,959
California						
Energy sales - MWh	0	122,317	122,317	0	150,310	150,310
Power revenues - \$	0	20,190,036	20,190,036	0	6,271,808	6,271,808
Colorado <sup>1</sup>						
Energy sales - MWh	1,949,091	470,763	2,419,853	2,466,349	175,203	2,641,552
Power revenues - \$	36,465,882	33,441,943	69,907,825	40,945,572	4,645,586	45,591,158
Connecticut						
Energy sales - MWh	0	2,592	2,592	0	2,692	2,692
Power revenues - \$	0	330,300	330,300	0	269,209	269,209
Georgia						
Energy sales - MWh	0	880	880	0	400	400
Power revenues - \$	0	37,640	37,640	0	12,800	12,800
Idaho		•	•		•	,
Energy sales - MWh	0	464,423	464,423	0	23,088	23,088
Power revenues - \$	0	730,407	730,407	0	1,704,109	1,704,109
Kansas			,	_	.,,	.,,
Energy sales - MWh	0	0	0	0	4,512	4,512
Power revenues - \$	0	0	0	0	97,008	97,008
Maryland	· ·	· ·		· ·	,,,,,,,	,,,,,,
Energy sales - MWh	0	833	833	0	0	0
Power revenues - \$	0	170,595	170,595	0	0	0
Minnesota	· ·	17 0,0 70	1, 0,0,0	· ·	· ·	Ü
Energy sales - MWh	0	5,448	5,448	0	4,313	4,313
Power revenues - \$	0	850,745	850,745	0	133,024	133,024
Missouri	O	030,743	030,743	O	155,024	100,024
Energy sales - MWh	0	822	822	0	1,620	1,620
Power revenues - \$	0	24,195	24,195	0	97,247	97,247
	O	24,193	24,193	O	97,247	97,247
Montana Energy egles AAAA/b	0	275	275	0	36,609	36,609
Energy sales - MWh	0			0		· ·
Power revenues - \$	U	52,475	52,475	U	1,797,292	1,797,292
Nebraska	0	15 027	15 027	0	4 700	4 700
Energy sales - MWh	0	15,837	15,837	0	6,788	6,788
Power revenues - \$	0	1,162,625	1,162,625	0	435,264	435,264
Nevada	172.040	0	172.040	210.240	21.070	0.41.0.47
Energy sales - MWh	173,040	0	173,040	219,268	21,979	241,247
Power revenues - \$	3,315,884	0	3,315,884	3,690,330	823,355	4,513,685
New Mexico 1	0/01/0	171 501	1 000 70 4	1 101 205	005 (04	1 417 000
Energy sales - kWh(000)	868,143	171,591	1,039,734	1,121,305	295,694	1,416,999
Power revenues - \$	1/,231,/32	14,339,783	31,571,514	18,954,921	8,594,825	27,549,746
North Dakota		10.507	10.507		010	010
Energy sales - kWh(000)	0	12,507	12,507	0	218	218
Power revenues - \$	0	1,291,918	1,291,918	0	11,138	11,138
Ohio	_					
Energy sales - MWh	0	1,463	1,463	0	4,219	4,219
Power revenues - \$	0	140,585	140,585	0	126,425	126,425
Texas						
Energy sales - MWh	0	114,616	114,616	0	1 <i>7</i> ,229	17,229
Power revenues - \$	0	18,155, <i>7</i> 19	18,155,719	0	777,517	<i>777,</i> 51 <i>7</i>
Utah						
Energy sales - MWh	1,460,155	85,924	1,546,079	1,832,552	83,196	1,915 <i>,7</i> 48
Power revenues - \$	28,086,556	7,572,350	35,658,906	30,034,883	4,698,036	34,732,919
Wyoming						
Energy sales - MWh	65,910	1	65,911	81,335	12	81,347
Power revenues - \$	1,243,441	120	1,243,561	1,367,281	595	1,367,876
Canada						
Energy sales - MWh	0	0	0	0	6,588	6,588
Power revenues - \$	0	0	0	0	150,009	150,009
Total						
Energy sales - MWh	5,255,713	1,573,633	6,829,346	6,617,885	1,009,461	7,627,346
			218,688,008			
Power revenues - \$	100,000,394	107,027,014	£10,000,000	107,231,009	30,777,124	146,008,193

<sup>&</sup>lt;sup>1</sup> Does not include project use, interdepartmental or interproject sales and revenues.

# Sales by State and Customer Category

	FY	2001	FY	2000
State/Type of customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Arizona				
Municipalities 1	50,661	1,080,780	25,129	398,955
Cooperatives	30,993	896,397	55,645	981,455
Federal agencies <sup>2</sup>	222,097	4,299,517	357,246	5,407,918
State agencies	427,828	21,019,999	537,384	10,708,357
Irrigation districts	93,830	2,199,448	45,771	722,732
Investor-owned utilities Interproject sales	17,307 0	4,356,939 0	50,692 365	2,150,542 16,563
Total Arizona	842,715	33,853,079	1,072,232	20,386,522
California	15.07.4	700.040	1.4.07.4	010.01
Municipalities	15,264	723,840	14,274	210,917
State agencies Public utility districts	51,825 0	11,400,178 0	3,099 300	308,409 11,700
Irrigation districts	1,025	11 <i>5,7</i> 50	326	13,270
Power marketers	54,203	7,950,268	132,311	5,727,513
Total California	122,317	20,190,036	150,310	6,271,808
Colorado	200.005	4 5 42 200	227.244	4 10 4 000
Municipalities	290,985	6,543,290	336,244	6,124,098
Cooperatives	1,112,340	21,519,593	1,434,619	24,460,692
Federal agencies	8,377 571,574	181,314 10,128,302	<i>7</i> ,602 <i>7</i> 12,935	175,03 <i>4</i> 11,310,716
State agencies Investor-owned utilities	436,577	31,535,326	150,152	3,520,617
Interproject sales	27,742	3,519,175	59,693	6,054,570
Project use sales	8,758	253,057	40,400	763,168
Total Colorado	2,456,354	73,680,056	2,741,645	52,408,896
Connecticut Power marketers	2,592	330,300	2,692	269,209
Total Connecticut	2,592	330,300	2,692	269,209
Georgia				
Power marketers	880	37,640	400	12,800
Total Georgia Idaho	880	37,640	400	12,800
Investor-owned utilities	464,423	730,407	23,088	1,704,109
Total Idaho	464,423	730,407	23,088	1,704,109
Kansas Cooperatives	0	0	4,512	97,008
Total Kansas	0	0	4,512	97,008
Maryland Power marketers	833	170,595	0	C
Total Maryland	833	170,595	0	0
Minnesota				
Power marketers	5,448	850,745	4,313	133,024
Total Minnesota	5,448	850,745	4,313	133,024
Missouri Investor-owned utilities	822	24,195	1,620	97,247
Total Missouri	822	24,195	1,620	97,247
Montana	075	50.475	27.700	1 707 000
Investor-owned utilities	275	52,475	36,609	1,797,292
Total Montana Nebraska	275	52,475	36,609	1,797,292
	276	25,885	2,226	58,467
State agencies Power marketers	15,561	·		·
Total Nebraska	15,837	1,136,740 1,162,625	4,562 <b>6,788</b>	376,797 <b>435,264</b>
Nevada	15,03/	1,102,023	0,766	733,204
Cooperatives	72,524	1,430,547	96,292	1,623,067
State agencies	100,516	1,885,337	122,976	2,067,263
Investor-owned utilities	0	0	21,979	823,355
Total Nevada	173,040	3,315,884	241,247	
IOIGI NEVGGG	173,040	5,515,004	441,447	4,513,685

### Sales by State and Customer Category, continued

**Energy** Revenue **Energy** Revenue (MWh) (MWh) State/Type of customer (\$) (\$) **New Mexico** 4,286,565 213,942 3,582,194 Municipalities 150,375 Cooperatives 661,811 12,777,998 814,782 14,150,390 144,017 103,172 2,589,120 Federal agencies 2,814,838 11,917,831 Investor-owned utilities 124,377 244,258 7,002,324 Project use sales 37,290 620,415 41,474 691,815 **Total New Mexico** 1,077,025 32,191,929 1,458,473 28,241,561 **North Dakota** Cooperatives 12,507 1,291,918 218 11,138 218 **Total North Dakota** 12,507 1,291,918 11,138 Power marketers 1,463 140,585 4,219 126,425 **Total Ohio** 1,463 140,585 4,219 126,425 Texas Investor-owned utilities 13,032 877,408 4,803 203,795 Power marketers 101,584 17,278,311 12,426 573,722 **Total Texas** 114,616 18,155,719 17,229 777,517 Utah 1,093,394 24,839,816 1,312,426 21,760,675 Municipalities 456,746 7,728,905 Cooperatives 363,343 6.955.612 44,978 Federal agencies 30,901 582,084 630,041 State agencies 21,563 332,702 31,934 391,813 Irrigation districts 27,007 1,851,847 4,363 45,645 Investor-owned utilities 9,672 1,088,445 65,301 4,175,841 200 Power marketers 8,400 0 0 Project use sales 1,183 21,763 960 19,952 35,680,668 **Total Utah** 1,547,262 1,916,708 34,752,871 **Wyoming** 112,444 7,078 123,876 Municipalities 5,667 Cooperatives 37,672 705,302 47,025 779,954 22,572 425,815 State agencies 27,244 464,047 **Total Wyoming** 65,911 1,243,561 81,347 1,367,876 Canada 0 0 Power marketers 6,588 150,009 0 **Total Canada** 0 6,588 150,009 **Total Salt Lake City Area Integrated Projects** Municipalities 1 37,586,734 1,909,093 32,200,715 1,606,345 Cooperatives 2,291,190 45,577,367 2,909,839 49,832,609

Federal agencies <sup>2</sup>

Public utility districts

Investor-owned utilities

Irrigation districts

Power marketers

Interproject sales

Project use sales

Total

State agencies

7,652,035

45,218,218

4,167,045

50,583,026

27,903,584

223,102,417

3,519,175

895,234

 $\cap$ 

553,843

1,437,798

300

50,460

602,721

163,292

60,058

82,834

7,770,238

364,547

1,196,154

121,862

182,764

27,742

47,232

6,904,320

1,066,485

0

9,027,831

11,700

781,647

21,601,546

7,243,074

6,071,133

1,474,935

153,554,260

25,309,071

<sup>&</sup>lt;sup>1</sup> Includes sales to the Ak-Chin Indian Community.

<sup>&</sup>lt;sup>2</sup> Includes sales to the Navajo Tribal Utility Authority, the Colorado River Agency and San Carlos Irrigation Project.

## Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Tri-State Generation and Transmission Association	1,613,737	30.7
2	Utah Associated Municipal Power	666,627	12.7
3	Platte River Power Authority	559,440	10.6
4	Salt River Project	353,986	6.7
5	Utah Municipal Power Agency	331,828	6.3
	Total	3,525,618	67.1

## **Top 5 Customers in Firm Energy Revenue**

			Percent of
Rank	Customer	(\$)	firm revenue
1	Tri-State Generation and Transmission Association	31,161,860	28.6
2	Salt River Project	14,979,035	13.8
3	Utah Associated Municipal Power	12,640,914	11.6
4	Platte River Power Authority	9,894,910	9.1
5	Utah Municipal Power Agency	6,668,245	6.1
	Total	75,344,964	69.2

## **Top 5 Customers in Nonfirm Energy Sales**

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Idaho Power Co.	464,423	29.5
2	Public Service Company of Colorado	436,577	27.7
3	Public Service Company of New Mexico	124,377	7.9
4	Enron Power Marketing	96,625	6.1
5	Salt River Project	73,842	4.7
	Total	1,195,844	75.9

## **Top 5 Customers in Nonfirm Energy Revenue**

			Percent of
Rank	Customer	(\$)	nonfirm revenues
1	Public Service Company of Colorado	31,535,326	28.7
2	Enron Power Marketing	16,879,046	15.4
3	Public Service Company of New Mexico	11,917,831	10.9
4	California Dept of Water Resources	7,348,299	6.7
5	Salt River Project	6,040,964	5.5
	Total	73,721,466	67.2

#### **Purchased Power**

	FY 2	2001	FY 2000		
Supplier	Energy (MWh)	Costs (\$ 000)	Energy (MWh)	Costs (\$ 000)	
NonWestern supplier					
Arizona Electric Power	1,905	163	430	25	
Arizona Public Service Company	171,839	13,174	242,699	12,035	
American Electric	2,295	310	7,855	311	
Aquilla Energy Market. Corp.	100,819	6,493	1 <i>7</i> ,0 <i>7</i> 6	752	
Black Hills	462	78	. 0	0	
British Columbia PowerEx <sup>1</sup>	639	70	1,205	33	
Burbank, Calif.	0	0	250	69	
Calpine Energy Services	580	25	0	0	
Cargill Alliant, LLC	943	141	471	28	
Colorado Springs Utilities	7,798	1,31 <i>7</i>	<i>7</i> ,031	510	
Colorado River Commission	247	22	0	0	
Constellation Power Source	338	85	0	0	
Duke Energy	271,914	24,417	191,129	6,325	
E-Prime	0	0	4,850	79	
Energy Authority, The	0	0	2,791	170	
Enron Power Marketing, Inc.	6,575	862	165,538	16,006	
Griffith Energy Project	11	2	0	0	
Idaho Power Co.	2,797	531	173,653	<i>7,77</i> 5	
Los Angeles Dept. of Water and Power	525	32	1,370	127	
Montana Power Company	0	0	6,170	261	
Municipal Energy Agency of Nebraska	5,917	774	10,838	1,265	
Nebraska Public Power District	0	0	70	6	
Nevada Power Company	845	127	475	99	
PacifiCorp	16,993	2,650	170,049	<i>7</i> ,123	
Pennsylvania Power & Light Montana	800	76	8,647	552	
PECO Energy	0	0	17,025	494	
Platte River Power Authority	948	104	15,598	541	
Public Service Company of Colorado	529,278	57,258	313,734	14,192	
Public Service Company of New Mexico	55,228	4,430	271,890	11,551	
Resource Management Services	12,246	1,315	13,003	506	
Rocky Mountain Generation Coop	34,182	4,035	31,343	384	
Salt River Project	52,474	5,792	78,553	5,188	
San Carlos Irrig. Proj.	7,884	659	0	0	
Sempra Energy Trading	169,938	12,856	86,295	5,658	
Southern Company Energy Marketing	0	0	400	12	
Southwestern Public Service	145,388	10, <i>577</i>	56,900	2,845	
TransAlta Energy Marketing	100	6	0	0	
Tri-State Generation and Transmission Assn.	1,765	11 <i>7</i>	2,470	62	
Tucson Electric Power Co.	835	90	445	18	
Utah Associated Municipal Power Systems	50	3	10,077	291	
Utah Municipal Power Agency	1,180	88	26,565	1,895	
UtiliCorp/West Plains	28,314	4,274	64,430	1,530	
NonWestern subtotal	1,634,052	152,953	2,001,325	98,718	
Western suppliers					
Pick-Sloan (Eastern Division)	11,979	1,289	0	0	
Parker-Davis Project <sup>2</sup>	4,668	229	24,841	1,651	
Loveland Area Projects	336,802	7,831	0	0	
Western subtotal	353,449	9,349	24,841	1,651	
Total	1,98 <b>7</b> ,501	<b>162,302</b> <sup>3</sup>	2,026,166	100,369 4	

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<sup>&</sup>lt;sup>1</sup> British Columbia Power Exchange merged with PowerEx in FY 2001.

<sup>&</sup>lt;sup>2</sup> Excludes 24,160 MWh (\$445,676) for Western Replacement Power in FY 2000.

Purchase power costs for FY 2001 differ from financial statements by about \$94 million due to prior year adjustments, accruals, reclassifications and about \$92 million of WRP purchases, not included. Also, does not include purchases made under an Interagency Agreement.

<sup>&</sup>lt;sup>4</sup> Purchase power costs for FY2000 differ from financial statements by about \$6 million due to prior year adjustments, accruals, reclassifications and approximately \$1.8 million of Western Replacement Program purchases not transferred to the Western Replacement Power Trust Fund. Also does not include \$38,193 of purchases made under an Interagency Agreement.

#### **Purchased Transmission**

	FY 2001	FY 2000
Supplier	Costs (\$000)	Costs (\$000)
NonWestern suppliers		
Bridger Valley Electric	1	92
Delta-Montrose Electric Association	8	15
Deseret Generation and Transmission Assoc.	1,859	639
Empire Electric	99	118
Public Service Company of Colorado	529	540
PacifiCorp	3,295	2,038
Public Service Company of New Mexico	1,696	1,800
Tri-State Generation and Transmission Assn.	5	2
Utah Associated Municipal Power Systems	2	1
West Plains Energy	5	4
Subtotal NonWestern suppliers	7,499	5,249
Western Suppliers		
Pacific NW-SW Intertie	2,725	1,767
Subtotal Western suppliers	2,725	1,767
Total Salt Lake City Area Integrated Proj	ects 10,224	<b>7,016</b> <sup>2</sup>

Purchase transmission costs for FY 2001 differ from financial statements by about \$5 million due to prior year adjustments, accrual and reclassifications.

## **Customers by State and Customer Category**

		FY 2	2001		FY 2000			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona								
Municipalities <sup>1</sup>	4	0	0	4	3	0	0	3
Cooperatives	0	1	1	2	0	1	1	2
Federal agencies <sup>2</sup>	4	1	0	5	4	1	1	6
State agencies	0	1	0	1	1	0	1	2
Irrigation districts	8	0	0	8	7	0	0	7
Investor-owned utilities	0	0	3	3	0	0	2	2
California								
Municipalities	0	0	2	2	0	0	3	3
State agencies	0	0	3	3	0	0	2	2
Public utility districts	0	0	0	0	0	0	1	1
Irrigation districts	0	0	1	1	0	0	1	1
Power marketers	0	0	2	2	0	0	1	1
Canada								
Power marketers	0	0	0	0	0	0	1	1
Colorado								
Municipalities	13	1	0	14	13	1	0	14
Cooperatives	4	1	1	6	4	1	1	6
Federal agencies	1	0	0	1	1	0	0	1
State agencies	1	1	0	2	1	1	0	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Connecticut								
Power marketers	0	0	1	1	0	0	1	1

Purchase transmission costs for FY 2000 differ from financial statements by about \$40,000 due to prior year adjustments, accruals and reclassifications.

# Customers by State and Customer Category, continued

,		FY 2	2001			FY 2000			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total	
Georgia									
Power marketers	0	0	1	1	0	0	1	1	
Idaho									
Investor-owned utilities	0	0	1	1	0	0	1	1	
Kansas									
Cooperatives	0	0	0	0	0	0	1	1	
Maryland									
Power marketers	0	0	1	1	0	0	0	0	
Minnesota									
Power marketers	0	0	1	1	0	0	1	1	
Missouri									
Investor-owned utilities	0	0	1	1	0	0	1	1	
Montana									
Investor-owned utilities	0	0	1	1	0	0	2	2	
Nebraska									
State agencies	0	0	1	1	0	0	1	1	
Power marketers	0	0	1	1	0	0	1	1	
Nevada									
Cooperatives	1	0	0	1	1	0	0	1	
State agencies	1	0	0	1	1	0	0	1	
Investor-owned utilities	0	0	0	0	0	0	1	1	
New Mexico									
Municipalities	3	2	0	5	3	2	0	5	
Cooperatives	1	4	0	5	0	5	0	5	
Federal agencies	4	0		4	4	0	0	4	
Investor-owned utilities	0	0	1	1	0	0	1	1	
North Dakota	-	-			-		·		
Cooperatives	0	0	1	1	0	0	1	1	
Ohio	· ·	Ŭ		•	Ü	Ü		·	
Investor-owned utilities	0	0	0	0	0	0	1	1	
Power marketers	0	0	1	1	0	0	0	0	
Texas	O	O			Ü	· ·	O	O	
Investor-owned utilities	0	0	1	1	0	0	1	1	
Power marketers	0	0	2	2	0	0	4	4	
Utah	O	O	2	2	O	O	4	4	
Municipalities <sup>3</sup>	3	32	0	35	3	32	0	35	
Cooperatives	3 4	0	1	35 5	4	0	0	4	
Federal agencies	3	0	0	3	3	0	0	3	
State agencies	2		0	2	2		0	2	
•		0				0			
Irrigation districts <sup>3</sup>	3	0	1	4	3	0	1	4	
Investor-owned utilities	0	0	1	1	0	0	1	1	
Power marketers	0	0	1	1	0	0	0	0	
Wyoming		^	^			^	^	•	
Municipalities	1	0	0	1	1	0	0	1	
Cooperatives	2	0	0	2	2	0	0	2	
State agencies	0	1		1	0	1		1	
Total Western	63	45	33	141	61	45	37	143	

<sup>&</sup>lt;sup>1</sup> Includes the Ak-Chin Indian Community.

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<sup>&</sup>lt;sup>2</sup> Includes the Navajo Tribal Utility Authority, the Colorado River Agency and San Carlos Irrigation Project.

<sup>&</sup>lt;sup>3</sup> Customer count includes 34 UAMPS members (31 municipalities and 3 irrigation districts).

### Summary by State

		FY 2	2001			FY:	FY 2000			
State	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total		
Arizona	16	3	4	23	15	2	5	22		
California	0	0	8	8	0	0	8	8		
Colorado	19	3	2	24	19	3	2	24		
Connecticut	0	0	1	1	0	0	1	1		
Georgia	0	0	1	1	0	0	1	1		
Idaho	0	0	1	1	0	0	1	1		
Kansas	0	0	0	0	0	0	1	1		
Maryland	0	0	1	1	0	0	0	0		
Minnesota	0	0	1	1	0	0	1	1		
Missouri	0	0	1	1	0	0	1	1		
Montana	0	0	1	1	0	0	2	2		
Nebraska	0	0	2	2	0	0	2	2		
Nevada	2	0	0	2	2	0	1	3		
New Mexico	8	6	1	15	7	7	1	15		
North Dakota	0	0	1	1	0	0	1	1		
Ohio	0	0	1	1	0	0	1	1		
Texas	0	0	3	3	0	0	5	5		
Utah	15	32	4	51	15	32	2	49		
Wyoming	3	1	0	4	3	1	0	4		
Canada	0	0	0	0	0	0	1	1		
Total Western	63	45	33	141	61	45	37	143		

# Summary by Customer Category

		FY 2	2001		FY 2000			
Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities 1	24	35	2	61	23	35	3	61
Cooperatives	12	6	4	22	11	7	4	22
Federal agencies <sup>2</sup>	12	1	0	13	12	1	1	14
State agencies	4	3	4	11	5	2	4	11
Public utility districts	0	0	0	0	0	0	1	1
Irrigation districts	11	0	2	13	10	0	2	12
Investor-owned utilities	0	0	10	10	0	0	12	12
Power marketers	0	0	_11	11	0	0	_10	_10
Subtotal	63	45	33	141	61	45	37	143
Project use sales	4	0	0	4	4	0	0	4
Total Western	67	45	33	145	65	45	37	147
Interproject sales	0	0	1	1	0	0	2	2
Total	67	45	34	146	65	45	39	149

<sup>&</sup>lt;sup>1</sup> Includes the Ak-Chin Indian Community.

#### **Transmission Revenues**

Transmission service	Revenue (\$)	FY 2000 Revenue (\$)
Long-term firm point-to-point	15,889,064	14,573,734
Nonfirm point-to-point	9,707,731	8,579,357
Total	25,596,795	23,153,091

## **Ancillary Services Revenues**

Ancillary service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Scheduling and dispatch service	143,154	137,570
Reactive supply and voltage control service	3,494	27
Regulation and frequency response service	333,071	340,548
Energy imbalance service	2,521,433	0
Operating reserves - spinning	3,713,830	961,957
Total <sup>1</sup>	6,714,981	1,440,101

<sup>&</sup>lt;sup>1</sup> Increase in total revenue is due to increased sales of in Energy Imbalance Service and Spinning Reserve Service.

<sup>&</sup>lt;sup>2</sup> Includes the Navajo Tribal Utility Authority, the Colorado River Agency and San Carlos Irrigation Project.

## **Power Sales and Revenue**

		Contract rate	e of delivery	FY 2001		FY 2000		
Customer	Service Region	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Municipalities								
Arizona								
Ak-Chin Indian Community	DSW	4,244	1,920	20,206	374,417	10,545	1 <i>7</i> 3,313	
Mesa <sup>1</sup>	DSW	4,637	3,663	17,014	429,040	0	0	
Safford	DSW	1,227	560	9,053	189, <i>7</i> 87	11,656	180,418	
Thatcher	DSW	556	363	4,388	87,535	2,928	45,224	
Subtotal Arizona				50,661	1,080,780	25,129	398,955	
California								
Los Angeles Department								
of Water and Power	CRSP			11,521	554,360	14,178	207,557	
Burbank	CRSP			3,743	169,480	0	0	
Riverside	CRSP			0	0	96	3,360	
Subtotal California				15,264	723,840	14,274	210,917	
Colorado	D14	10/0	1 /77	5.000	104000	7.00	110.045	
Aspen	RM	1,062	1,677	5,889	104,232	7,693	118,845	
Center	RM	1,082	1,801	5,639	105,183	6,798	114,564	
Colorado Springs Utilities	RM	16,289	64,864	166,636	3,024,750	200,596	3,299,825	
Colorado Springs Utilities	CRSP	1.510	26,030	1,659,835	13,075	769,121	120.022	
Delta	RM	1,510	1,721	6,287	117,614	7,808	129,933	
Fleming	RM	87	68	277	5,442	354	6,066 692,942	
Fort Morgan	RM	8,584	9,081 45	32,384 175	626,920	40,535		
Frederick	RM	38			3,127	239 8,507	3,650	
Glenwood Springs	RM	1,246	1,689	6,184	110,669		129,484	
Gunnison	RM RM	4,812	7,225	23,316 1,999	437,299	28,140	476,384	
Haxtun		575	546 2.023		39,328	2,513	43,489	
Holyoke Lamar	RM RM	1,598	2,023	6,703 0	129,030 0	8,096 0	140,319	
Oak Creek	RM RM	320	485	1,513	28,869	1,836	31,480	
Wray	RM	501	1,059	3,099	<i>57,</i> 300	3,963	64,296	
Yuma	RM	1,223	1,037	4,855	93,693	6,091	103,703	
Subtotal Colorado				290,985	6,543,290	336,244	6,124,098	
New Mexico								
Aztec	CRSP	2,039	2,778	9,258	1 <i>7</i> 4,410	12,336	199,351	
Farmington	CRSP	19,523	18,866	78,348	1,655,701	113,311	1,656,388	
Gallup	CRSP	3,439	3,592	7,077	262,115	17,312	285,346	
Los Alamos County	CRSP	1,056	1,569	32,078	1,744,423	37,292	946,483	
Truth or Consequences	CRSP	6,025	6,506	23,614	449,917	33,691	494,625	
Subtotal New Mexico				150,375	4,286,565	213,942	3,582,194	
Utah	0000		10.504	12.100	700.051	50.001	0.40.050	
Brigham City	CRSP	8,932	12,594	41,488	780,351	50,081	849,950	
Helper	CRSP	304	472	1,654	29,418	2,142	33,360	
Utah Associated Municipal Power <sup>2</sup>	CRSP	139,999	207,336	708,808	16,748,655	778,777	13,592,910	
Price	CRSP	1,119	1,702	6,030 335,413	107,067	8,078	123,660	
Utah Municipal Power Agency	CRSP	<i>7</i> 9,126	93,566		7,174,325	473,348	7,160,794	
Subtotal Utah				1,093,394	24,839,816	1,312,426	21,760,675	
Wyoming Torrington	RM	1,922	1,302	5,667	112,444	7,078	123,876	
Subtotal Wyoming		•	,	5,667	112,444	7,078	123,876	
Total Municipalities				1,606,345	37,586,734	1,909,093	32,200,715	
Rural electric cooperatives				1,000,010	02,000,201	1,707,070	02,200,710	
Arizona								
Arizona Electric Power Coop. 1	DSW	12,547	2,578	25,278	516,930	29,702	517,293	
Arizona Electric Power Coop.	CRSP			3,075	324,220	21,830	390,458	
Resource Management	CRSP			2,640	55,247	4,113	73,705	
Subtotal Arizona				30,993	896,397	55,645	981,455	
Colorado	D1.1	1.540	1.505	7000	101 701	0.007	144000	
Grand Valley Electric Coop.	RM	1,562	1,585	7,008	121,721	9,807	144,392	
Holy Cross Electric Association	RM	8,826	9,510	7,106	148,640	52,831	806,387	
Intermountain Rural Electric Association	RM CPSP	10,588	11,409	47,717 1.750	871,732 75,433	61,911	955,495	
Rocky Mountain Generation Cooperative		202 201	251044	1,759	75,433	2,921	22,882	
Tri-State Generation and Trans. Assn.	RM	302,391	254,066	1,019,900	19,746,464	1,267,154	21 <i>,7</i> 49,220	

		Contract rate	of delivery	ery FY 2001		FY 2000		
Customer	Service Region	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
Tri-State Generation and Trans. Assn. Yampa Valley Electric Association	CRSP RM	5,014	6,356 5,402	158,409 22,495	8,675 397,194	313,636 31,320	468,680	
Subtotal Colorado				1,112,340	21,519,593	1,434,619	24,460,692	
<b>Kansas</b> Sunflower Electric Power Coop	CRSP			0	0	4,512	97,008	
Subtotal Kansas				0	0	4,512	97,008	
<b>Nevada</b> Mt. Wheeler Power Association	CRSP	23,946	16,902	72,524	1,430,547	96,292	1,623,067	
Subtotal Nevada				72,524	1,430,547	96,292	1,623,067	
New Mexico				,	1,100,012	,	1,020,002	
Central Valley Electric Coop.	CRSP	2,612	3,081	1 <i>7,7</i> 84	356,639	23,087	403,495	
Farmers Electric Coop.	CRSP	2,576	2,353	15,566	322,907	19,821	358,669	
Lea Co. Electric Coop.	CRSP	2,570	2,335	1 <i>7,7</i> 18	339,845	22,849	382,705	
Roosevelt Co. Electric Coop.	CRSP	2,869	2,517	16,906	343,210	21,605	382,552	
Tri-State G&T/Plains Electric G&T <sup>3</sup>	CRSP	142,303	177,722	593,837	11,415,397	727,420	12,622,969	
Subtotal New Mexico				661,811	12,777,998	814,782	14,150,390	
North Dakota Basin Electric Power Cooperative	CRSP			12,507	1,291,918	218	11,138	
Subtotal North Dakota				12,507	1,291,918	218	11,138	
Utah								
Flowell Electric Association	CRSP	4,475	385	7,769	163,243	11,564	193,981	
Deseret Generation & Transmission Assn.	CRSP		3,279	9,837	0	0		
Dixie-Escalante Rural Electric Association	CRSP	19,072	24,085	<i>7</i> 9,813	1,537,247	102,427	1,720,416	
Garkane Power Association	CRSP	14,556	19,679	63,443	1,220,496	79,655	1,351,817	
Moon Lake E.A.	CRSP	50,142	62,822	209,039	4,024,789	263,100	4,462,691	
Subtotal Utah				363,343	6,955,612	456,746	7,728,905	
Wyoming	CDCD	0.407	10.550	07.500	700 105	47.707	77/0/0	
Bridger Valley Electric Coop. Willwood Light & Power Company	CRSP RM	8,497 50	10,558 39	37,508 164	702,135 3,166	46,797 228	776,268 3,686	
Subtotal Wyoming				37,672	705,302	47,025	779,954	
Total cooperatives				2,291,190	45,577,367	2,909,839	49,832,609	
Federal agencies								
Arizona	CDCD			0	0	10.4	7100	
Aha Macav Power Service	CRSP	442	881	0 2,622	0 48,546	124	7,132	
Colorado River Agency—BIA Navajo Tribal Utility Authority	DSW CRSP	21,802	23,677	97,593	1,909,274	18,303 12 <i>7</i> ,168	283,257 1,968,748	
Navajo Tribal Utility Authority <sup>4</sup>	CRSP	12,000	0	70,560	901,776	70,560	901,776	
San Carlos Irrigation Project—BIA	DSW	1,366	1,840	44,220	1,301,096	131,956	2,091,716	
Luke Air Force Base	DSW	2,265	912	5,521	110,293	7,243	124,239	
Yuma Proving Ground	DSW	347	415	1,581	28,532	1,892	31,050	
Subtotal Arizona				222,097	4,299,517	357,246	5,407,918	
<b>Colorado</b> Pueblo Army Depot	RM	2,641	2,856	8,377	181,314	7,602	175,034	
Subtotal Colorado		,	•	8,377	181,314	7,602	175,034	
New Mexico				,	,	•	•	
Cannon AFB	CRSP	1,38 <i>7</i>	1,419	5,734	104,359	<i>7,</i> 598	119,464	
Albuquerque Operation–DOE	CRSP	34,883	36,127	<i>77</i> ,103	2,090,182	110,485	2,255,438	
Holloman Air Force Base	CRSP	1,925	2,065	8,377	150,210	10,861	170,328	
Kirtland Air Force Base	CRSP	3,555	3,592	11,957	244,369	15,073	269,607	
Subtotal New Mexico				103,172	2,589,120	144,017	2,814,838	
Utah	CDCD	0.1/0	2.520	11.501	222.107	15 477	001.017	
Defense Depot Ogden	CRSP	3,169	3,532	11,591	232,196	15,477	221,316	
Hill Air Force Base Tooele Army Depot	CRSP CRSP	3,555 920	3,592 1,307	14,585 4,724	265,655 84,234	23,501 6,000	314,162 94,563	
Subtotal Utah	51.01	720	1,00/	30,901	582,084	44,978	630,041	
Total Federal agencies				364,547	7,652,035	553,843	9,027,831	
				7	,,	,- 10	, , ,	

		Contract rate	of delivery	FY	2001	FY 2	2000
Customer	Service Region	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
State agencies							
Arizona							
Arizona Power Pool Association <sup>1</sup>	DSW	27,275	13,568	0	0	61,056	1,035,662
Salt River Project	DSW	103,224	52,113	353,986	14,979,035	383,806	6,314,984
Salt River Project	DSW/CRSP			72.040	0	84,608	3,169,859
Salt River Project	CRSP			73,842	6,040,964	7,914	187,852
Subtotal Arizona				427,828	21,019,999	537,384	10,708,357
California							
California ISO	CRSP			6,367	1,839,171	25	5,000
California Dept. of Water Resources	CRSP			25,168	7,348,299	0	0
Metropolitan Water District of So. Calif.	CRSP			20,290	2,212,708	3,074	303,409
Subtotal California				51,825	11,400,178	3,099	308,409
Colorado							
Arkansas River Power Authority	RM	3,270	4,300	12,093	220,452	18,033	302,313
Platte River Power Authority	CRSP			41	12,940	380	19,330
Platte River Power Authority	RM	113,902	145,955	559,440	9,894,910	694,522	10,989,073
Subtotal Colorado				571,574	10,128,302	712,935	11,310,716
Nebraska	CDCD			07/	25.005	2.224	50 447
Municipal Energy of Nebraska  Subtotal Nebraska	CRSP			276	25,885	2,226	58,467
Nevada				276	25,885	2,226	58,467
Colorado River Commission	DSW	22,420	29,477	100,516	1,885,337	122,976	2,067,263
Subtotal Nevada				100,516	1,885,337	122,976	2,067,263
Utah							
University of Utah	CRSP	3,104	3,461	13 <i>,77</i> 9	247,107	21,771	290,151
Utah State University	CRSP	1,124	1,152	7,785	85,594	10,163	101,662
Subtotal Utah				21,563	332,702	31,934	391,813
Wyoming Wyoming Municipal Power Agency	RM	5,036	6 <i>,</i> 731	22,572	425,815	27,244	464,047
Subtotal Wyoming		0,000	37, 31	22,572	425,815	27,244	464,047
Total state agencies				1,196,154	45,218,218	1,437,798	
Public utility districts				-,,	,,	., ,	
California							
Sacramento Municipal Utility District	CRSP			0	0	300	11,700
Subtotal California				0	0	300	11,700
Total public utility districts				0	0	300	11,700
Irrigation districts							
<b>Arizona</b> Chandler Heights Citrus	DSW	400	302	0	0	0	0
ED-2 1	DSW	10,092	7,327	38,456	1,044,540	0	0
ED-3 (Arizona Public Service) Pinal	DSW	8,631	2,880	1,333	34,980	11,599	179,961
ED-4	DSW	4,897	3,680	0	0	0	0
ED-5 Maricopa	DSW	1,274	233	2,503	51,377	3,463	59,154
ED-5 Pinal	DSW	2,948	2,633	0	0	0	0
ED-6 Pinal (Salt River Project)	DSW	6,245		0	0	0	0
ED-7 Maricopa County	DSW	4,807	729	0	0	0	0
Maricopa Cnty MWCD No. 1	DSW	5,748	2,373	5,489	134,836	3,446	56,521
Queen Creek Irrigation District Roosevelt Irrigation District	DSW DSW	1,887 5,243	0 1 <i>,7</i> 61	2,939 27,718	62,752 517,669	4,167 16,703	72,704 259,134
Roosevelt WC District	DSW	2,364	1,761	8,312	231,138	4,969	73,606
San Tan Irrigation District	DSW	882	1,010	0,312	231,136	4,909	73,000
Wellton-Mohawk Iⅅ	DSW	146	448	7,079	122,156	1,424	21,651
Subtotal Arizona				93,830	2,199,448	45,771	722,732
California	CDCD			1.005	115 750	207	10.070
Imperial Irrigation District	CRSP			1,025	115,750	326	13,270
Subtotal California				1,025	115,750	326	13,270

		Contract rate of delivery		FY 2001		FY 2000	
Customer	Service Region	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Utah							
Utah Associated Municipal Power System	CRSP			0	0	^	0
Central Utah Water Conservancy District <sup>2</sup> Strawberry Water Users Assn. <sup>2</sup>	CRSP CRSP			0	0	0	0
Weber Basin Conservancy District <sup>2</sup>	CRSP			27,007	1,851,847	4,363	45,645
Subtotal Utah				27,007	1,851,847	4,363	45,645
Total irrigation districts				121,862	4,167,045	50,460	781,647
Investor-owned utilities							
Arizona Arizona Public Service Company	CRSP			7,636	3,296,228	29,257	1,245,398
Griffith Energy Project	CRSP			3,098	263,772	0	0
Tucson Electric Power Company	CRSP			6,573	796,939	21,435	905,144
Subtotal Arizona				17,307	4,356,939	50,692	2,150,542
<b>Colorado</b> Public Service Company of Colorado	CRSP			436,577	31,535,326	150,152	3,520,617
Subtotal Colorado				436,577	31,535,326	150,152	3,520,617
Idaho				,		•	
Idaho Power Co.	CRSP			464,423	730,407	23,088	1,704,109
Subtotal Idaho Missouri				464,423	730,407	23,088	1,704,109
UtiliCorp Power Services	CRSP			822	24,195	1,620	97,247
Subtotal Missouri				822	24,195	1,620	97,247
Montana							
Montana Power Company PP&L Montana	CRSP CRSP			0 275	0 52,475	4,090 32,519	34,555 1 <i>,7</i> 62 <i>,737</i>
Subtotal Montana				275	52,475	36,609	1,797,292
<b>Nevada</b> Nevada Power Company	CRSP			0	0	21,979	823,355
Subtotal Nevada				0	0	21,979	823,355
New Mexico							
Public Service Company of New Mexico	CRSP			124,377	11,917,831	244,258	7,002,324
Subtotal New Mexico Texas				124,377	11,917,831	244,258	7,002,324
El Paso Electric Company				13,032	877,408	4,803	203,795
Subtotal Texas				13,032	877,408	4,803	203,795
<b>Utah</b> PacifiCorp	CRSP			9,672	1,088,445	65,301	4,175,841
Subtotal Utah				9,672	1,088,445	65,301	4,175,841
Total investor-owned utilities <sup>5</sup>				1,067,948	50,723,611	602,721	21,601,546
Power marketers							
California	0000			05.440	0.407.400	•	•
British Columbia PowerEx California PX	CRSP CRSP			25,660 28,543	3,487,489 4,462,779	0 132,311	0 5 <i>,727,</i> 513
Subtotal California				54,203	7,950,268	132,311	5,727,513
Connecticut Sempra Energy Trading Corp.	CRSP			2,592	330,300	2,692	269,209
Subtotal Connecticut	0.101			2,592	330,300	2,692	269,209
Georgia				•	•	·	·
Southern Company Energy Marketing	CRSP			880	37,640	400	12,800
Subtotal Georgia				880	37,640	400	12,800
Maryland Constellation Power Source	CRSP			833	170,595	0	0
Subtotal Maryland				833	170,595	0	0

	Contract rate of delivery		FY 2001		FY 2000		
Customer	Service Region	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Minnesota							
Cargill-Alliant	CRSP			5,448	850,745	4,313	133,024
Subtotal Minnesota				5,448	850,745	4,313	133,024
<b>Nebraska</b> Aquila Power Corp.	CRSP			15,561	1,136,740	4,562	376,797
Subtotal Nebraska				15,561	1,136,740	4,562	376,797
Ohio							
American Electric Power Service	CRSP			1,463	140,585	4,219	126,425
Subtotal Ohio				1,463	140,585	4,219	126,425
Texas							
Amoco Energy Trading Corp.	CRSP			0	0	1,345	40,550
Calpine Energy Services  Dynegy Power Marketing, Inc	CRSP CRSP			4,959 0	399,265 0	0 680	0 16,680
Enron Power Marketing	CRSP			96,625	16,879,046	10,351	512,992
Reliant Energy Services	CRSP			0	0	50	3,500
Subtotal Texas				101,584	17,278,311	12,426	573,722
Utah							
Duke Energy	CRSP			200	8,400	0	0
Subtotal Utah				200	8,400	0	0
<b>Canada</b> British Columbia Power Exchange <sup>6</sup>	CRSP			0	0	6,588	150,009
Subtotal Canada				0	0	6,588	150,009
Total power marketers <sup>5</sup>				181,301	27,762,999	163,292	7,243,074
SLCA/IP subtotal <sup>7</sup>				6,829,346	218,688,008		146,008,193
Interproject sales				0,0=0,0		-,,	, ,
<b>Arizona</b> Parker-Davis Project	CRSP			0	0	365	16,563
Subtotal Arizona	CKO				0	365	16,563
Colorado				·	· ·	003	10,500
Loveland Area Projects	CRSP			27,742	3,519,175	59,693	6,054,570
Subtotal Colorado				27,742	3,519,175	59,693	6,054,570
Total interproject sales				27,742	3,519,175	60,058	6,071,133
Salt Lake City Integrated Projects subtotal				6,857,088	222,207,183	7,687,404	152,079,326
Project use sales				47,232	895,234	82,834	1,474,935
Salt Lake City Integrated Project total $^{7}$				6,904,320	223,102,417	7,770,238	153,554,260

Beginning in FY 2001, Mesa, Arizona Electric Power & ED-2 are no longer part of the Arizona Power Pool Association. Their allocations and sales are shown separately.

Utah Associated Municipal Power System individual customer totals were not calcuated to more clearly represent UAMPS total revenues.

Beginning in FY 2001, Plains Electric is reported under Tri-State, due to the companies merging. It is still reported as a sale in New Mexico.

<sup>&</sup>lt;sup>4</sup> Assigned from Navajo Indian Irrigation Project power reservation for farm uses and other municipal and industrial purposes.

These sales are listed by the location of the marketing entity or investor-owned utility, which does not necessarily reflect the state where the energy was delivered.

<sup>6</sup> British Columbia Power Exchange merged with PowerEx in FY 2001.

Nonfirm revenues in FY 2001 increased primarily due to price increases. Western Replacement Power pass-through and WRP hydro revenues are not included in firm power revenues for FY 2000 & FY 2001.

# **Collbran Project**

	Cumulative	Adjustments <sup>2</sup>	<b>Annual</b> 2001 <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue	39,275	28	1,817	41,120
Income transfers (net)	0	0	0	0
Total operating revenue	39,275	28	1,817	41,120
Expenses:				
O & M and other	16,298	11	1,177	17,486
Purchase power and other Interest	0	0	0	0
Federally financed	11,5 <i>67</i>	10	130	11,707
Non-Federally financed	0	0	0	0
Total interest	11,567	10	130	11,707
Total expense	27,865	21	1,307	29,193
(Deficit)/Surplus revenue	0	0	0	0
Investment:				
Federally financed power	14,767	64	0	14,831
Non-Federally financed power	5.050	0	0	0
Nonpower	5,059	0	0	5,059
Total investment	19,826	64	0	19,890
Investment repaid:				
Federally financed power	11,410	8	510	11,928
Non-Federally financed power Nonpower	0	0	0	0
•				
Total investment repaid	11,410	8	510	11,928
Investment unpaid:				
Federally financed power	3,358	57	(510)	2,903
Non-Federally financed power	0	0	0	0
Nonpower	5,059	0	0	5,059
Total investment unpaid	8,417	57	(510)	7,962
Percent of investment repair	d to date:			
Federal power	77.26%			80.43%
Non-Federal power	N/A			N/A
Nonpower	0.00%			0.00%

This column ties to the cumulative FY 2000 numbers on page 154 of the FY 2000 Operations Summary.
 Adjustments reflect the FY 2000 audited financial statements.
 Based on estimates for FY 2001.

### Colorado River Storage Project Status of Repayment

Cumulative activities as of Sept. 30, 2001 (Dollars in thousands)

	Cumulative 2000	Adjustments <sup>2</sup>	<b>Annual</b> 2001 <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	2,900,307 154	16,889 0	248,446 <sup>4</sup> 0	3,165,642 154
Total operating revenue	2,900,461	16,889	248,446	3,165,796
Expenses:				
O & M and other Purchase power and wheeling Interest	903,530 687,181	11,787 (25,543)	52,781 172,526 <sup>4</sup>	968,098 834,164
Federally financed Non-Federally financed	689,611 0	10,339 0	27,705 0	727,655 0
Total interest	689,611	10,339	27,705	727,655
Total expense	2,280,322	(3,417)	253,012	2,529,917
(Deficit)/Surplus revenue	(17,422)	17,422	(4,566)	(4,566)
Investment:				
Federally financed power	1,002,967	16,073	44,900	1,063,940
Non-Federally financed power Nonpower	0 2,669,471	0	0 16,690	0 2,686,161
Total investment	3,672,438	16,073	61,590	3,750,101
Investment repaid:				
Federally financed power	637,561	2,884	0	640,445
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	637,561	2,884	0	640,445
Investment unpaid:				
Federally financed power	365,407	13,189	44,900	423,495
Non-Federally financed power	0	0	0	0
Nonpower	2,669,471	0	16,690	2,686,161
Total investment unpaid	3,034,878	13,189	61,590	3,109,656
Percent of investment repair				
Federal power	63.57%			60.20%
Non-Federal power Nonpower	N/A 0.000			N/A 0.000

<sup>&</sup>lt;sup>1</sup> This column ties to the cumulative FY 2000 numbers on page 155 of the FY 2000 Operations Summary.

<sup>&</sup>lt;sup>2</sup> Adjustments reflect the FY 2000 audited financial statements.

<sup>&</sup>lt;sup>3</sup> Based on estimates for FY 2001 except for revenues and purchased power and wheeling.

<sup>&</sup>lt;sup>4</sup> Revenues reflect data reported in the Statistical Appendix to the FY 2001 Annual Report less other integrated and participating project revenues. Purchased power and transmission expense reflects amount reported in the Statistical Appendix to the FY 2001 Annual Report.

# **Dolores Project**

	Cumulative 2000	Adjustments <sup>2</sup>	<b>Annual</b> 2001 <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	16,886 36	2	2,762 0	19,650 36
Total operating revenue	16,922	2	2,762	19,686
Expenses:				
O & M and other	2,184	(211)	501	2,474
Purchase power and other Interest	0	0	0	0
Federally financed	13,053	(89)	2,251	15,215
Non-Federally financed	0	0	0	0
Total interest	13,053	(89)	2,251	15,215
Total expense	15,237	(300)	2,752	17,689
(Deficit)/Surplus revenue	0	0	0	0
Investment:				
Federally financed power	35,909	3,264	0	39,173
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	35,909	3,264	0	39,173
Investment repaid:				
Federally financed power	1,684	303	10	1,997
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	1,684	303	10	1,997
Investment unpaid:				
Federally financed power	34,224	2,961	(10)	37,176
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	34,224	2,961	(10)	37,176
Percent of investment repair	d to date:			
Federal power	4.69%			5.10%
Non-Federal power	N/A			N/A
Nonpower	N/A			N/A

This column ties to the cumulative FY 2000 numbers on page 158 of the FY 2000 Operations Summary.
 Adjustments reflect the FY 2000 audited financial statements.

<sup>&</sup>lt;sup>3</sup> Based on estimates for FY 2001.

# **Rio Grande Project**

	Cumulative 2000 <sup>1</sup>	Adjustments <sup>2</sup>	<b>Annual 2001</b> <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue	76,689	7	1,398	78,094
Income transfers (net)	0	0	0	0
Total operating revenue	76,689	7	1,398	78,094
Expenses:				
O & M and other	38,097	421	1,189	39,707
Purchase power and other Interest	4,774	0	0	4,774
Federally financed	14,083	19	0	14,102
Non-Federally financed	0	0	0	0
Total interest	14,083	19	0	14,102
Total expense	56,954	440	1,189	58,583
(Deficit)/Surplus revenue	268	(327)	209	150
Investment:				
Federally financed power	13,666	(106)	0	13,560
Non-Federally financed power	0	0	0	0
Nonpower	5,802	0	0	5,802
Total investment	19,468	(106)	0	19,362
Investment repaid:				
Federally financed power	13,666	(106)	0	13,560
Non-Federally financed power	0	0	0	0
Nonpower	5,802	0	0	5,802
Total investment repaid	19,468	(106)	0	19,362
Investment unpaid:				
Federally financed power	0	0	0	0
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	0	0	0	0
Fund balances:				
Colorado River Development	0			0
Working capital	0			0
Percent of investment repai	d to date:			
Federal power	100.00%			100.00%
Non-Federal power	N/A			N/A
Nonpower	100.00%			100.00%

This column ties to the cumulative FY 2000 numbers on page 156 of the FY 2000 Operations Summary.
 Adjustments reflect the FY 2000 audited financial statements.
 Based on estimates for FY 2001.

# Seedskadee Project

	Cumulative 2000 1	Adjustments <sup>2</sup>	<b>Annual</b> 2001 <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue	18,685	34	992	19,711
Income transfers (net)	0	0	0	0
Total operating revenue	18,685	34	992	19,711
Expenses:				
O & M and other	7,816	(104)	541	8,253
Purchase power and other Interest	0	0	0	0
Federally financed	6,161	(93)	196	6,264
Non-Federally financed	0	0	0	0
Total interest	6,161	(93)	196	6,264
Total expense	13,978	(197)	737	14,518
(Deficit)/Surplus revenue	0	0	0	0
Investment:				
Federally financed power	7,458	164	0	7,622
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	7,458	164	0	7,622
Investment repaid:				
Federally financed power	4,708	231	255	5,194
Non-Federally financed power Nonpower	0	0	0	0
Total investment repaid	4,708	231	255	5,194
Investment unpaid:				
Federally financed power	2,750	(67)	(255)	2,428
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	2,750	(67)	(255)	2,428
Percent of investment repair				
Federal power	63.12%			68.14%
Non-Federal power	N/A N/A			N/A N/A
Nonpower	IN/A			IN/A

<sup>&</sup>lt;sup>1</sup> This column ties to the cumulative FY 2000 numbers on page 157 of the FY 2000 Operations Summary.

2 Adjustments reflect the FY 2000 audited financial statements.

3 Based on estimates for FY 2001.

# Collbran Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

		2000				
Assets	Western	Reclamation	Total	Western	Reclamation	Total
Utility plant:						
Completed plant	\$ 463	14,392	14,855	\$ 463	14,328	14,791
Accumulated depreciation	(245)	(4,699)	(4,944)	(214)	(4,584)	(4,798)
	218	9,693	9,911	249	9,744	9,993
Construction work in progress	81	430	511	75	129	204
Net utility plant	299	10,123	10,422	324	9,873	10,197
Cash	15	636	651	11	2,772	2,783
Accounts receivable	1	0	1	1	0	1
Other assets	3	576	579	2	564	566
Total assets	318	11,335	11,653	338	13,209	13,547
Federal investment and liabilities	es					
Federal investment: Congressional appropriations	1.410	30.389	31,799	1.379	31,470	32,849
Interest on Federal investment	247	11,560	11,807	242	11,414	11,656
Transfer of property & services, net	30,934	(30,453)	481	28,667	(28,187)	480
Gross Federal investment	32,591	11,496	44.087	30,288	14,697	44.985
Funds returned to U.S. Treasury	(32,274)	(6,754)	(39,028)	(29,941)	(6,753)	(36,694)
Net outstanding Federal investment	317	4,742	5,059	347	7,944	8,291
Accumulated net revenues/(deficit)	(10)	6,366	6,356	(14)	5,186	5,172
<b>Total Federal investment</b>	307	11,108	11,415	333	13,130	13,463
Commitments and contingencies <b>Liabilities:</b>						
Accounts payable	4	154	158	0	11	11
Other liabilities	7	73	80	5	68	73
Total liabilities	11	227	238	5	79	84
<b>Total Federal investment &amp; liabilities</b>	\$ 318	11,335	11,653	\$ 338	13,209	13,547

1999

## Statement of Revenues, Expenses and Accumulated Net Revenues

, to 0. cop.c		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 2,333	0	2,333	\$ 2,493	0	2,493	
Other operating income	0	29	29	0	28	28	
Gross operating revenues	2,333	29	2,362	2,493	28	2,521	
Income transfers, net	(2,267)	2,267	0	(2,030)	2,030	0	
Total operating revenues	66	2,296	2,362	463	2,058	2,521	
Operating expenses:							
Operation and maintenance	22	855	877	21	770	<i>7</i> 91	
Administration and general	9	0	9	10	0	10	
Depreciation	31	115	146	10	166	176	
Total operating expenses	62	970	1,032	41	936	977	
Net operating revenues/(deficit)	4	1,326	1,330	422	1,122	1,544	
Interest on Federal investment: Interest on Federal investment Allowance for funds used	5	146	151	5	176	181	
during construction	(5)	0	(5)	(5)	0	(5)	
Net interest expense	0	146	146	0	176	176	
Net revenues/(deficit) Accumulated net revenues:	4	1,180	1,184	422	946	1,368	
Balance beginning of year	(14)	5,186	5,172	(436)	4,240	3,804	
Balance end of year	\$ (10)	6,366	6,356	\$ (14)	5,186	5,172	

### Colorado River Storage Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

•		2000		1999			
Assets	Western	Reclamation	Total	Western	Reclamation	Total	
Utility plant:							
Completed plant Accumulated depreciation	\$ 538,917 (219,327)	482,066 (152,325)	1,020,983 (371,652)	\$ 542,023 (203,576)	472,164 (152,383)	1,014,187 (355,959)	
Construction work in progress	319,590 14,124	329,741 345	649,331 14,469	338,4 <i>47</i> 10,551	319,781 0	658,228 10,551	
Net utility plant	333,714	330,086	663,800	348.998	319,781	668,779	
Cash Accounts receivable Other assets	52,656 37,799 17,312	12,647 0 9,089	65,303 37,799 26,401	37,502 30,262 14,544	15,175 0 14,043	52,677 30,262 28,587	
Total assets	441,481	351,822	793,303	431,306	348,999	780,305	
Federal investment and liabilitie Federal investment: Congressional appropriations	204,422	372,001	576,423	222,267	392,030	614,297	
Interest on Federal investment Transfer of property & services, net	451,9 <i>57</i> 382,851	333,482 (315,462)	785,439 67,389	427,234 384,461	328,391 (333,519)	755,625 50,942	
Gross Federal investment Funds returned to U.S. Treasury	1,039,230 (637,549)	390,021 (366,066)	1,429,251 (973,615)	1,033,962 (634,081)	386,902 (336,066)	1,420,864 (970,147)	
Net outstanding Federal investment Accumulated net revenues/(deficit)	401,681 (15,911)	53,995 291,576	455,636 275,665	399,881 <i>7</i> ,993	50,836 292,264	450,717 300,257	
Total Federal investment	385,770	345,531	731,301	407,874	343,100	750,974	
Commitments and contingencies <b>Liabilities:</b>							
Accounts payable Other liabilities	37,526 18,185	452 5,839	37,978 24,024	8,668 14,764	1,381 4,518	10,049 19,282	
Total liabilities	55,711	6,291	62,002	23,432	5,899	29,331	
<b>Total Federal investment &amp; liabilities</b>	\$ 441,481	351,822	793,303	\$ 431,306	348,999	780,305	

#### Statement of Revenues, Expenses and Accumulated Net Revenues

, to or opposition oo, 2000	and i''	2000	,	1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 158,196	0	158,196	\$ 131,187	0	131,18 <i>7</i>	
Other operating income	26,764	803	27,567	11,687	(1,831)	9,856	
Gross operating revenues	184,960	803	185,763	142,874	(1,831)	141,043	
Income transfers, net	(33,918)	33,918	0	(65,321)	65,321	0	
Total operating revenues	151,042	34,721	185,763	77,553	63,490	141,043	
Operating expenses:							
Operation and maintenance	24,498	22,947	47,445	21,907	27,993	49,900	
Administration and general	6,009	0	6,009	5,662	0	5,662	
Purchased power	95,122	0	95,122	17,602	0	1 <i>7</i> ,602	
Purchased transmission services	8,284	0	8,284	8,187	0	8,187	
Depreciation	1 <i>7</i> ,31 <i>7</i>	5,175	22,492	14,370	5,058	19,428	
Total operating expenses	151,230	28,122	179,352	67,728	33,051	100,779	
Net operating revenues/(deficit)	(188)	6,599	6,411	9,825	30,439	40,264	
Interest on Federal investment:							
Interest on Federal investment	24,723	7,287	32,010	16,253	7,145	23,398	
Allowance for funds used during construction	(1,007)	0	(1,007)	3,377	0	3,377	
Net interest expense	23,716	7,287	31,003	19,630	7,145	26,775	
Net revenues/(deficit) Accumulated net revenues:	(23,904)	(688)	(24,592)	(9,805)	23,294	13,489	
Balance beginning of year	7,993	292,264	300,257	1 <b>7</b> ,798	268,970	286,768	
Balance end of year	\$ (15,911)	291,576	275,665	\$ 7,993	292,264	300,257	

#### Dolores Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

As of September 30, 200	o dila 177	<b>2000</b>		1999			
Assets	Western	Reclamation	Total	Western	Reclamation	Total	
Utility plant:							
Completed plant	\$ <i>7</i> ,412	30,062	37,474	\$ <i>7</i> ,412	28,365	35,777	
Accumulated depreciation	(1,097)	(2,334)	(3,431)	(917)	(1,950)	(2,867)	
	6,315	27,728	34,043	6,495	26,415	32,910	
Construction work in progress	35	0	35	32	0	32	
Net utility plant	6,350	27,728	34,078	6,527	26,415	32,942	
Cash	5,469	135	5,604	2,717	177	2,894	
Accounts receivable	0	0	0	0	0	0	
Other assets	2	(2)	0	0	2	2	
Total assets	11,821	27,861	39,682	9,244	26,594	35,838	
Federal investment and liabilitie Federal investment:	es						
Congressional appropriations	(1,966)	31,475	29,509	(1,967)	29,685	27,718	
Interest on Federal investment	3,927	14,483	18,410	3,382	12,755	16,13 <i>7</i>	
Transfer of property & services, net	1,046	(7,791)	(6,745)	1,046	(7,743)	(6,697)	
Gross Federal investment	3,007	38,167	41,174	2,461	34,697	37,158	
Funds returned to U.S. Treasury	(9)	0	(9)	(9)	0	(9)	
Net outstanding Federal investment	2,998	38,167	41,165	2,452	34,697	37,149	
Accumulated net revenues/(deficit)	8,810	(10,344)	(1,534)	6,780	(8,116)	(1,336)	
<b>Total Federal investment</b>	11,808	27,823	39,631	9,232	26,581	35,813	
Commitments and contingencies <b>Liabilities:</b>							
Accounts payable	6	37	43	8	11	19	
Other liabilities	7	1	8	4	2	6	
Total liabilities	13	38	51	12	13	25	
<b>Total Federal investment &amp; liabilities</b>	\$ 11,821	27,861	39,682	\$ 9,244	26,594	35,838	

## Statement of Revenues, Expenses and Accumulated Net Revenues

,		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 2,893	0	2,893	\$ 2,902	0	2,902	
Other operating income	0	2	2	0	333	333	
Gross operating revenues	2,893	2	2,895	2,902	333	3,235	
Income transfers, net	(109)	109	0	(397)	397	0	
Total operating revenues	2,784	111	2,895	2,505	730	3,235	
Operating expenses:							
Operation and maintenance	26	236	262	60	168	228	
Administration and general	6	0	6	13	0	13	
Depreciation	180	375	555	61	369	430	
Total operating expenses	212	611	823	134	537	671	
Net operating revenues/(deficit)	2,572	(500)	2,072	2,371	193	2,564	
Interest on Federal investment:							
Interest on Federal investment Allowance for funds used	545	1,728	2,273	640	1,723	2,363	
during construction	(3)	0	(3)	(3)	0	(3)	
Net interest expense	542	1,728	2,270	637	1,723	2,360	
Net revenues/(deficit) Accumulated net revenues:	2,030	(2,228)	(198)	1,734	(1,530)	204	
Balance beginning of year	6,780	(8,116)	(1,336)	5,046	(6,586)	(1,540)	
Balance end of year	\$ 8,810	(10,344)	(1,534)	\$ 6,780	(8,116)	(1,336)	

### Rio Grande Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

	2000		1999			
Western	Reclamation	Total	Western	Reclamation	Total	
\$ 13 (11)	12,700 (3,641)	12,713 (3,652)	\$ 13 (11)	12,806 (3,639)	12,819 (3,650)	
2	9,059	9,061	2	9,167	9,169	
0	1,022	1,022	0	645	645	
2	10,081	10,083	2	9,812	9,814	
11	794	805	7	820	827	
3	317	3 320	2	330	3 332	
19	11,192	11,211	14	10,962	10,976	
1,596 17	59,176 15,714	60,772 15,731	1,571 17	<i>57</i> ,067 15,698	58,638 15,715	
	(50,845)			(49,160)	(297)	
52,165 (52,146)	24,045 (27,992)	<i>7</i> 6,210 (80,138)	50,451 (50,442)	23,605 (27,993)	<i>7</i> 4,056 (78,435)	
19 (8)	(3,947) 14,772	(3,928) 14,764	9 1	(4,388) 15,134	(4,379) 15,135	
11	10,825	10,836	10	10,746	10,756	
5 3	143 224	148 227	1 3	15 201	16 204	
8	367	375	4	216	220	
\$ 19	11,192	11,211	\$ 14	10,962	10,976	
	\$ 13 (11) 2 0 2 11 3 3 19 2 55 1,596 17 50,552 52,165 (52,146) 19 (8) 11	Western   Reclamation     \$ 13	Western         Reclamation         Total           \$ 13	Western         Reclamation         Total         Western           \$ 13	Western         Reclamation         Total         Western         Reclamation           \$ 13         12,700         12,713         \$ 13         12,806           (111)         (3,641)         (3,652)         (111)         (3,639)           2         9,059         9,061         2         9,167           0         1,022         1,022         0         645           2         10,081         10,083         2         9,812           11         794         805         7         820           3         0         3         3         0           3         317         320         2         330           19         11,192         11,211         14         10,962           285           155         59,176         60,772         1,571         57,067           17         15,714         15,731         17         15,698           50,552         (50,845)         (293)         48,863         (49,160)           52,165         24,045         76,210         50,451         23,605           (52,146)         (27,992)         (80,138)         (50,442)         (27,993) <t< td=""></t<>	

### Statement of Revenues, Expenses and Accumulated Net Revenues

As of September 30, 2000	2000			1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues: Sales of electric power Other operating income	\$ 1,704 0	0 6	1,704	\$ 2,109	0 2	2,109	
Gross operating revenues Income transfers, net	1,704 (1,689)	6 1,689	1,710 0	2,109 (2,095)	2 2,095	2,111	
Total operating revenues	15	1,695	1,710	14	2,097	2,111	
Operating expenses: Operation and maintenance Administration and general Depreciation	17 7 0	1,835 0 200	1,852 7 200	11 7 1	1,766 0 200	1,777 7 201	
Total operating expenses	24	2,035	2,059	19	1,966	1,985	
Net operating revenues/(deficit)	(9)	(340)	(349)	(5)	131	126	
Interest on Federal investment: Interest on Federal investment Allowance for funds used during construction	0	22	22	0	20	20	
Net interest expense	0	22	22	0	20	20	
Net revenues/(deficit) Accumulated net revenues:	(9)	(362)	(371)	(5)	111	106	
Balance beginning of year	1	15,134	15,135	6	15,023	15,029	
Balance end of year	\$ (8)	14,772	14,764	\$ 1 	15,134	15,135	

### Seedskadee Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

As of September 30, 200	o unu 177	<b>2000</b>		1999			
Assets	Western	Reclamation	Total	Western	Reclamation	Total	
Utility plant:							
Completed plant	\$ 1,012	6,419	<i>7</i> ,431	\$ 998	6,262	7,260	
Accumulated depreciation	(440)	(2,116)	(2,556)	(367)	(2,019)	(2,386)	
	572	4,303	4,875	631	4,243	4,874	
Construction work in progress	151	0	151	141	0	141	
Net utility plant	723	4,303	5,026	772	4,243	5,015	
Cash	1,801	483	2,284	687	516	1,203	
Accounts receivable	0	0	0	0	0	0	
Other assets	3	3	6	1	6	7	
Total assets	2,527	4,789	7,316	1,460	4,765	6,225	
Federal investment and liabiliti Federal investment:	es	<del></del>					
Congressional appropriations	(3,138)	3,250	112	(3,140)	3,037	(103)	
Interest on Federal investment	1,091	5,071	6,162	1,048	4,887	5,935	
Transfer of property & services, net	389	169	558	389	143	532	
Gross Federal investment	(1,658)	8,490	6,832	(1,703)	8,067	6,364	
Funds returned to U.S. Treasury	(86)	(1,638)	(1,724)	(86)	(1,637)	(1,723)	
Net outstanding Federal investment	(1,744)	6,852	5,108	(1,789)	6,430	4,641	
Accumulated net revenues/(deficit)	4,265	(2,080)	2,185	3,248	(1,679)	1,569	
<b>Total Federal investment</b>	2,521	4,772	7,293	1,459	4,751	6,210	
Commitments and contingencies <b>Liabilities:</b>					<del></del>		
Accounts payable	3	0	3	0	1	1	
Other liabilities	3	17	20	1	13	14	
Total liabilities	6	17	23	1	14	15	
Total Federal investment & liabilities	\$ 2,527	4,789	7,316	\$ 1,460	4,765	6,225	

## Statement of Revenues, Expenses and Accumulated Net Revenues

,		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 1,350	0	1,350	\$ 1,460	0	1,460	
Other operating income	0	34	34	0	52	52	
Gross operating revenues	1,350	34	1,384	1,460	52	1,512	
Income transfers, net	(217)	217	0	(728)	728	0	
Total operating revenues	1,133	251	1,384	732	780	1,512	
Operating expenses:							
Operation and maintenance	1 <i>7</i>	373	390	5	309	314	
Administration and general	6	0	6	4	0	4	
Depreciation	73	96	169	(245)	95	(150)	
Total operating expenses	96	469	565	(236)	404	168	
Net operating revenues/(deficit)	1,037	(218)	819	968	376	1,344	
Interest on Federal investment:							
Interest on Federal investment Allowance for funds used	43	183	226	144	185	329	
during construction	(23)	0	(23)	(9)	0	(9)	
Net interest expense	20	183	203	135	185	320	
Net revenues/(deficit) Accumulated net revenues:	1,017	(401)	616	833	191	1,024	
Balance beginning of year	3,248	(1,679)	1,569	2,415	(1,870)	545	
Balance end of year	\$ 4,265	(2,080)	2,185	\$ 3,248	(1,679)	1,569	

## **Other Projects**

#### **Central Arizona Project**

The Central Arizona Project is one of three related water development projects that make up the Colorado River Basin Project. The others are the Dixie and the Upper Basin projects. The Central Arizona Project was developed for Arizona and western New Mexico; the Dixie Project for southeastern Utah; and the Upper Basin Project for Colorado and New Mexico.

Congress authorized the project in 1968 to improve water resources in the Colorado River basin. Segments of the 1968 authorization allowed Federal participation in the Navajo Generating Station, which has three coal-fired steam electric generating units for a combined capacity of 2.25 million kW. Construction of the plant, located near Lake Powell at Page, Ariz., began in 1970. Navajo began generating in 1976.

The Federal share of 24.3 percent, or 546,750 kW, is used to power pumps that move Colorado River water through CAP canals. Surplus generation is currently marketed under the Navajo Power Marketing Plan adopted on Dec. 1, 1987.

About 400,000 kW is currently marketed as surplus, with 760 kWh of energy available annually with each kW of capacity. Western's Desert Southwest Customer Service Region markets Navajo power on behalf of the Bureau of Reclamation's Central Arizona Project.

As of June 1, 1994, Western, Reclamation, the Salt River Project and the Central Arizona Water Conservation District entered into an agreement in which the Salt River Project Agricultural Improvement and Power District in Arizona schedules and operates the Federal share of the Navajo generating station. This arrangement will remain in effect until Sept. 30, 2016.

In addition, an agreement was established in which all surplus spot market energy sales are now managed to benefit CAP. This agreement will remain in effect until Sept. 30, 2011. SRP pays a flat fee plus a variable energy charge (including a generation operating charge, generation energy charge, transmission operating charge and charge to cover Western and Reclamation costs).

Net operating revenue in FY 2001 was about \$100.1 million. The Federal share of Navajo net generation decreased from 4,474 million kWh in FY 2000 to 4,296 million kWh in FY 2001.

Current rates for firm and nonfirm transmission service over the 115-kV and 230-kV transmission lines went into effect on Jan. 1, 2001.

#### Falcon-Amistad Project

Falcon-Amistad Project consists of two international dams located on the Rio Grande River between Texas and Mexico. The United States and Mexico share and operate separate powerplants on each side of the Rio Grande River. The power output is divided evenly between the two nations. The State Department's International Boundary and Water Commission operates the U.S. portion of the projects. Falcon Dam is located about 130 miles upstream from Brownsville, Texas. Congress authorized the United States' portion of construction, operation and maintenance in 1950. Construction was started in that year and completed in 1954. The United States' share of Falcon Powerplant capacity is 31,500 kW. The powerplant came on line in 1954.

Amistad Dam is located about 300 miles upstream from Falcon Dam. Amistad Powerplant was constructed by the U.S. Army Corps of Engineers, as agent for the IBWC. The United States' portion of construction, operation and maintenance was authorized by the Mexican-American Treaty Act of 1950. Amistad powerplant has a generation capacity of 66,000 kW. Construction was started in 1960 and completed in 1969. Its two generating units came on line in 1983.

Project power is marketed to two cooperatives in south Texas via Central Power and Light Company's transmission system. In FY 2001, 111 million kWh of energy was delivered.

The five-year net generation average is 112 million kWh. Repayment is made through annual installments. Western received \$5.3 million in FY 2001. These installments are established in advance by Western and the customers on or before Aug. 31 of the year preceding the appropriate fiscal year. Each annual installment pays the amortized portion of the U.S. investment in the Falcon and Amistad hydroelectric facilities with interest, and associated operation, maintenance and administrative costs. This repayment schedule does not depend upon the amount of power and energy delivered or the amount of generation each year.

#### **Pacific NW-SW Intertie Project**

The Pacific Northwest-Pacific Southwest Intertie was authorized by Section 8 of the Pacific Northwest Power Marketing Act of Aug. 31, 1964. Originally, the Intertie was to be a combined AC and DC system, which was to connect the Pacific Northwest with the Desert Southwest. As authorized, the overall project was to be a cooperative construction venture between Federal and non-Federal entities.

Due to delays in construction funding, the estimated in-service date of the Intertie was revised to the point that interest by potential users waned. These events resulted in the indefinite postponement of DC line construction. Consequently, the facilities constructed provide only AC transmission service.

Western's portion of the Intertie consists of two parts, a northern portion and a southern portion. The northern portion is administered by Western's Sierra Nevada Region and is incorporated, for repayment and operation, with the Central Valley Project. The northern portion consists of a 94-mile, 500-kV line from Malin Substation (Ore.) to Round Mountain to Cottonwood Substation (Calif.). By agreement, the Central Valley Project has transmission rights for 400 MW of northern Intertie capacity.

The southern portion is administered by Western's Desert Southwest Region and is treated as a separate (stand alone) project for repayment and operational purposes. It consists of a 238-mile, 345-kV line from Mead Substation (Nev.) to Liberty Substation (Ariz.), a 19-mile, 230-kV line from Liberty to Westwing Substation (Ariz.), a 22-mile, 230-kV line from Westwing to Pinnacle Peak Substation (Ariz.) and two segments that came on-line in April 1996: the 260-mile Mead-Phoenix 500-kV AC Transmission Line between Marketplace Substation (Nev.) and Perkins Substation (Ariz.) and the 202-mile Mead-Adelanto 500-kV AC Transmission Line between Marketplace and the existing Adelanto Switching Substation in southern California.

Rates for firm and nonfirm transmission service went into effect on Feb. 1, 1996. Rates for firm transmission over the 230-kV and 345-kV transmission lines were revised and became effective Jan. 1, 1999. Rates for firm transmission over the 500-kV transmission lines were extended and became effective Oct. 1, 2000.

#### **Provo River Project**

The Provo River Project was authorized in 1935. Construction on the project, which includes Deer Creek Dam and Powerplant on the Provo River in Utah, began in 1938 but, because of World War II, was not completed until 1951. The powerplant, authorized on Aug. 20, 1951, was completed and generation began in 1958. Its maximum operating capacity is 5,300 kW.

Before November 1999, summer energy was purchased by the Colorado River Storage Project and winter energy interchanged with Utah Power and Light Company in accordance with a 1933 agreement.

Provo River Project power is now marketed independently from the Salt Lake City Area/Integrated Projects subsequent to a new marketing plan that was approved and published in the Federal Register on Nov. 21, 1994. This marketing plan allows Western to market the output of the Provo River Project to customers of Utah Municipal Power Agency and Utah Associated Municipal Power Systems in the Provo River drainage.

The five-year generation average is 29 million kWh. A total of 9.3 million kWh of energy was sold and a total of \$333,000 in revenue was collected in FY 2001.

As provided in Rate Order No. WAPA-87 published in the Federal Register on March 2, 2000, Provo River Project customers pay all operating, maintenance and replacement expenses of the project each year and, in return, receive all of the energy produced by the project.

#### **Washoe Project**

The Washoe Project in west-central Nevada and east-central California was designed to improve the regulation of runoff from the Truckee and Carson river system and to provide supplemental irrigation water and drainage, as well as water for municipal, industrial and fishery use. Additionally, it offers flood protection, fish and wildlife benefits and recreation.

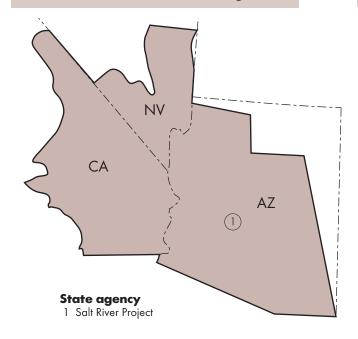
The project was authorized by the Washoe Project Act of Aug. 1, 1956, and was constructed between 1960 and 1976, with the powerplant at Stampede Dam added in 1986. Prosser Creek Dam, Marble Creek Dam and Pyramid Lake fishway are also part of the project. The powerplant at Stampede Dam has a maximum installed capacity of 3.6 MW.

Sierra Nevada Region markets excess energy after meeting project use load requirements and sets power rates for the project. FY 2001 net generation was 6.9 million kWh, compared to 12.3 million kWh in FY 2000. Generation from Washoe Project's Stampede powerplant rate adjustment was sold as nonfirm power to Sierra Pacific Power Company and the Northern California Power Agency. Western completed a Washoe rate adjustment in FY 2001. The resulting floor and ceiling rates for nonfirm power are contained in Rate Schedule SNF-5, which became effective on Oct. 1, 2000. The Washoe floor rate is 17.89 mills/kWh and the ceiling rate is 90.07 mills. The Federal Energy Regulatory Commission approved the floor and ceiling rates on Oct. 19, 2001.

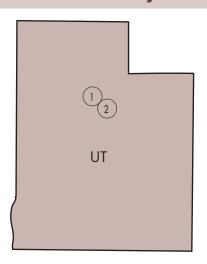
## **Other Projects**

## Firm Power Customers and Marketing Area

## **Central Arizona Project**



### **Provo River Project**



#### **Municipalities**

- 1 Utah Assoc. of Municipal Power Systems
- 2 Utah Municipal Power Agency

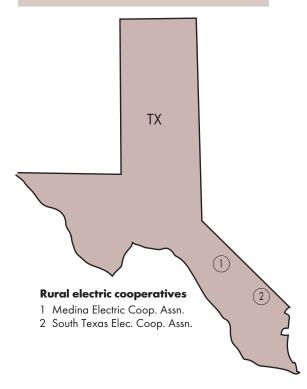
## **Washoe Project**



**Investor-owned utility** 

2 Sierra-Pacific Power Co.

## **Falcon-Amistad Project**



## **Central Arizona Project**

## **Energy Resource and Disposition**

#### **Facilities and Substations**

	(GWh)			FY 2001		
	FY 2001	FY 2000				
Energy resources	4.204	4.474	Substations			
Net generation	4,296	4,474	Number of substations	1	1	
Total energy resources	4,296	4,474	Number of transformers	5	5	
<b>Energy disposition</b> Sales of electric energy			Transformer capacity (kVA)	228,000	228,000	
Western sales	4,296	4,474	<b>Buildings and communication</b>	ns sites		
Total energy sales	4,296	4,474	Number of buildings	2	2	
Total energy delivered	4,296	4,474				
Total energy disposition	4,296	4,474				

#### **Powerplants**

Project/state/	Operating		Initial in-service	Existing number	Installed capability <sup>1</sup>		tual ıpability (MW)	Net generation (GWh) <sup>2</sup>	
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
Arizona		2							
Navajo	SRP	n/a <sup>3</sup>	May 74	3	547 4	547	547	4,296	4,473
Central Arizona	Total			3	547	547	547	4,296	4,473

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit and independent of

SRP - Salt River Project

#### **Power Sales and Revenue**

	FY :	2001	FY 2000		
Customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)	
State agencies					
<b>Arizona</b> Salt River Project <sup>1</sup>	4,295,737	<i>7</i> 5,846,301	4,473,658	74,057,459	
Subtotal Arizona	4,295,737	75,846,301	4,473,658	74,057,459	
Total state agencies	4,295,737	75,846,301	4,473,658	74,057,459	
Central Arizona Project subto Project use subtotal	<b>4,295,737</b>	<b>75,846,301</b> 0	<b>4,473,658</b> 0	<b>74,057,459</b> 0	
Central Arizona Project total	4,295,737	75,846,301	4,473,658	74,057,459	

<sup>&</sup>lt;sup>1</sup> Western contractually agreed for the Salt River Project to act as the scheduling entity and operating agent for the CAP portion of the Navajo generating station (547 MW) on June 1, 1994. SRP agreed to pay a monthly fixed and variable fee to meet repayment requirements.

#### **Transmission Revenues**

Transmission service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Long-Term Firm Point-to-Point Transmission Service	23,659,132	22,066,009
Total	23,659,132	22,066,009

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

<sup>&</sup>lt;sup>3</sup> Coal-fired powerplant.

<sup>&</sup>lt;sup>4</sup> United States' share (24.3 percent) of 2,250 MW plant capability.

Rate Action Summary

Rate order No.	Project	Type of rate action	notice of public participation	Rate schedule designation	of rate (first day of first full billing period)	Annual incremental \$(000)	Notes	Date submitted to FERC
WAPA-88	Central Arizona	Transmission	5/24/00	CAP-FT1	1/1/01	N/A	Transmission	11/30/00
	Project R	Rate Methodology		CAP-NFT1	1/1/01		Transmission	11/30/00
				CAP-NITS 1	1/1/01		Network Transmission	11/30/00

## **Central Arizona Project Status of Repayment**Cumulative activities as of Sept. 30, 2001

(Dollars in thousands)

	Cumulative 2000 <sup>1</sup>	Adjustments	<b>Annual 2001</b> <sup>2</sup>	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	1,554,246 (704,800)	0 (7,834) <sup>3</sup>	99,763 (99,763)	1,654,009 (812,397)
Total operating revenue	849,446	(7,834)	0	841,612
Expenses:				
O & M and other	842,133	(1,489) <sup>4</sup>	0	840,644
Purchase power and other Interest	0	0	0	0
Federally financed	45	(15) <sup>5</sup>	0	30
Non-Federally financed	0	0	0	0
Total interest	45	(15)	0	30
Total expense	842,178	(1,504)	0	840,674
(Deficit)/Surplus revenue	7,268	(6,330)	0	938

 $<sup>^{1}\,</sup>$  This column ties to the Cumulative 2000 numbers (unaudited) on page 164 of the FY 2000 Operations Summary Report.

This column reflects FY 2001 unaudited cost data, and based on FY 2000 audited data.

This column reflects in 2001 introduced cost data, and based of 11 2000 additional transfers

This column reflects an adjustment to correct an overstatement of O&M expense.

This column reflects an adjustment to correct an overstatement of interest expense.

# Central Arizona Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

•		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Assets Cash Accounts receivable Other assets	\$ 1,532 (32) 67	0 0 0	1,532 (32) 67	\$ 1,510 7,503 231	0 0 0	1,510 7,503 231	
Total assets	1,567	0	1,567	9,244	0	9,244	
Federal investment and liabilitie Federal investment:	es	<del></del>					
Congressional appropriations	66	0	66	57	0	57	
Interest on Federal investment	0	0	0	0	0	0	
Transfer of property & services, net	(2)	0	(2)	0	0	0	
Gross Federal investment	64	0	64	57	0	57	
Funds returned to U.S. Treasury	0	0	0	0	0	0	
Net outstanding Federal investment	64	0	64	57	0	57	
Accumulated net revenues	0	0	0	7,507	0	7,507	
Total Federal investment	64	0	64	7,564	0	7,564	
Commitments and contingencies <b>Liabilities:</b>							
Accounts payable	285	0	285	386	0	386	
Other liabilities	1,218	0	1,218	1,294	0	1,294	
Total liabilities	1,503	0	1,503	1,680	0	1,680	
<b>Total Federal investment &amp; liabilities</b>	\$ 1,567	0	1,567	\$ 9,244	0	9,244	

### Statement of Revenues, Expenses and Accumulated Net Revenues

1000

	2000			1999			
	We	estern	Reclamation	Total	Western	Reclamation	Total
Operating revenues:							
Sales of electric power		74,057	0	74,057	\$ 74,879	0	74,879
Other operating income		22,351	0	22,351	22,991	0	22,991
Gross operating revenues		96,408	0	96,408	97,870	0	97,870
Income transfers, net	(1	04,055)	0	(104,055)	(96,576)	0	(96,576)
Total operating revenues		(7,647)	0	(7,647)	1,294	0	1,294
Operating expenses:							
Operation and maintenance		(230)	0	(230)	1,204	0	1,204
Administration and general		90	0	90	321	0	321
Purchased power		0	0	0	(175)	0	(1 <i>7</i> 5)
Total operating expenses		(140)	0	(140)	1,350	0	1,350
Net operating revenues/(deficit)		(7,507)	0	(7,507)	(56)	0	(56)
Interest on Federal investment:							
Interest on Federal investment Allowance for funds used		0	0	0	15	0	15
during construction		0	0	0	0	0	0
Net interest expense		0	0	0	15	0	15
Net revenues/(deficit) Accumulated net revenues:		(7,507)	0	(7,507)	(71)	0	(71)
Balance beginning of year		7,507	0	7,507	7,578	0	7,578
Balance end of year	\$	0	0	0	\$ 7,507	0	7,507

## **Falcon-Amistad Project**

## **Powerplants**

Project/state/	Operating		in-service	Initial number	Existing capability <sup>1</sup>	Installed operating ca	Actual pability (MW)	Net generat	rion (GWh) <sup>2</sup>
plant name	agency	River	date	of units	FY 2001 (MW)	July 1, 2001	July 1, 2000	FY 2001	FY 2000
Texas									
Amistad	IBWC	Rio Grande	Jun 83	2	66 <sup>3</sup>	66	66	86	84
Falcon	IBWC	Rio Grande	Oct 54	3	32 <sup>3</sup>	32	32	25	40
Falcon-Amistad t	total			5	98	98	98	111	124

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

#### **Power Sales and Revenue**

	Contract rate of delivery		FY 2001		FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Rural electric cooperatives						
Texas						
Medina Electric Cooperative						
and South Texas Electric Cooperative			111,000	5,280,243	123,943	4,120,916
Subtotal Texas			111,000	5,280,243	123,943	4,120,916
Total cooperatives			111,000	5,280,243	123,943	4,120,916
Falcon-Amistad total			111,000	5,280,243	123,943	4,120,916

<sup>&</sup>lt;sup>1</sup> Falcon-Amistad power is sold to Medina Electric Coop Assn and South Texas Electric Coop Assn on a take-all, pay-all basis.

## **Marketing Plan Summary**

Project	Expiration date
Falcon-Amistad	June 8, 2033

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

<sup>&</sup>lt;sup>3</sup> United States' share (50 percent) of plant capability.

IBWC- International Boundary and Water Commission, U.S. Dept. of State.

# **Falcon-Amistad Project**

Status of Repayment
Cumulative activities as of Sept. 30, 2001
(Dollars in thousands)

	Cumulative 2000 <sup>1</sup>	Adjustments <sup>2</sup>	<b>Annual 2001</b> <sup>3</sup>	Cumulative 2001
Revenue:			4	
Gross operating revenue	76,774	0	5,280 4	82,054
Income transfers (net)	0		0	0
Total operating revenue	76,774	0	5,280	82,054
Expenses:				
O & M and other	20,566	330	2,369	23,265
Purchase power and other Interest	0	0	0	0
Federally financed	45,865	(1,819)	2,016	46,062
Non-Federally financed	0	0	0	0
Total interest	45,865	(1,819)	2,016	46,062
Total expense	66,431	(1,489)	4,385	69,327
(Deficit)/Surplus revenue	0	(632)	499	(133)
Investment:				
Federally financed power	44,581	(176)	0	44,405
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	44,581	(176)	0	44,405
Investment repaid:				
Federally financed power	10,343	2,121	396	12,860
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total Investment repaid	10,343	2,121	396	12,860
Investment unpaid:				
Federally financed power	34,237	(2,297)	(396)	31,544
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	34,237	(2,297)	(396)	31,544
Percent of investment repai	d to date:			
Federal power	23.20%			28.96%
Non-Federal power	N/A			N/A
Nonpower	N/A			N/A

This column ties to the cumulative FY 2000 numbers on page 166 of the FY 2000 Operations Summary.

Adjustments reflect the FY 2000 audited financial statements.

Based on estimates for FY 2001.

<sup>&</sup>lt;sup>4</sup> Revenues reflect data reported in the Statistical Appenix to the FY 2001 Annual Report.

## Falcon-Amistad Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

'		2000	•	1999			
Assets	Western	IBWC	Total	Western	IBWC	Total	
Utility plant:							
Completed plant	\$ O	44,356	44,356	\$ 0	44,356	44,356	
Accumulated depreciation	0	(15,223)	(15,223)	0	(14,427)	(14,427)	
	0	29,133	29,133	0	29,929	29,929	
Construction work in progress	0	0	0	0	0	0	
Net utility plant	0	29,133	29,133	0	29,929	29,929	
Cash	155	297	452	362	100	462	
Accounts receivable	274	0	274	274	0	274	
Other assets	1	211	212	1	139	140	
Total assets	430	29,641	30,071	637	30,168	30,805	
Federal investment and liabilitie							
Congressional appropriations	5,347	58.716	64.063	4,037	58,517	62,554	
Interest on Federal investment	0	44,047	44,047	0	41,891	41,891	
Transfer of property & services, net	365	0	365	365	0	365	
Gross Federal investment	5,712	102,763	108,475	4,402	100,408	104,810	
Funds returned to U.S. Treasury	(23,080)	(54,299)	(77,379)	(18,959)	(54,299)	(73,258)	
Net outstanding Federal investment	(17,368)	48,464	31,096	(14,557)	46,109	31,552	
Accumulated net revenues/(deficit)	17,796	(19,045)	(1,249)	14,984	(16,049)	(1,065)	
<b>Total Federal investment</b>	428	29,419	29,847	427	30,060	30,487	
Commitments and contingencies  Liabilities:							
Accounts payable	0	11	11	209	0	209	
Other liabilities	2	211	213	1	108	109	
Total liabilities	2	222	224	210	108	318	
<b>Total Federal investment &amp; liabilities</b>	\$ 430	29,641	30,071	\$ 637	30,168	30,805	

## Statement of Revenues, Expenses and Accumulated Net Revenues

	2000			1999	
Western	IBWC	Total	Western	IBWC	Total
\$ 4,121	0	4,121	\$ 3,267	0	3,267
0	0	0	0	0	0
4,121	0	4,121	3,267	0	3,267
(1,299)	1,299	0	(1,000)	1,000	0
2,822	1,299	4,121	2,267	1,000	3,267
6	1,321	1,32 <i>7</i>	14	1,183	1,197
4	22	26	5	23	28
0	796	796	0	<i>7</i> 45	<i>7</i> 45
10	2,139	2,149	19	1,951	1,970
2,812	(840)	1,972	2,248	(951)	1,297
0	2,156	2,156	0	405	405
0	0	0	0	0	0
0	2,156	2,156	0	405	405
2,812	(2,996)	(184)	2,248	(1,356)	892
14,984	(16,049)	(1,065)	12,736	(14,693)	(1,957)
\$ 17,796	(19,045)	(1,249)	\$ 14,984	(16,049)	(1,065)
	\$ 4,121 0 4,121 (1,299) 2,822 6 4 0 10 2,812 0 0 2,812	Western         IBWC           \$ 4,121         0           0         0           4,121         0           (1,299)         1,299           2,822         1,321           4         22           0         796           10         2,139           2,812         (840)           0         2,156           0         2,156           2,812         (2,996)           14,984         (16,049)	Western         IBWC         Total           \$ 4,121         0         4,121           0         0         0           4,121         0         4,121           (1,299)         1,299         0           2,822         1,299         4,121           6         1,321         1,327           4         22         26           0         796         796           10         2,139         2,149           2,812         (840)         1,972           0         2,156         2,156           0         0         0           0         2,156         2,156           2,812         (2,996)         (184)           14,984         (16,049)         (1,065)	Western         IBWC         Total         Western           \$ 4,121         0         4,121         \$ 3,267           0         0         0         0           4,121         0         4,121         3,267           (1,299)         1,299         0         (1,000)           2,822         1,299         4,121         2,267           6         1,321         1,327         14           4         22         26         5           0         796         796         0           10         2,139         2,149         19           2,812         (840)         1,972         2,248           0         2,156         2,156         0           0         2,156         2,156         0           2,812         (2,996)         (184)         2,248           14,984         (16,049)         (1,065)         12,736	Western         IBWC         Total         Western         IBWC           \$ 4,121         0         4,121         \$ 3,267         0           0         0         0         0         0           4,121         0         4,121         3,267         0           (1,299)         1,299         0         (1,000)         1,000           2,822         1,299         4,121         2,267         1,000           6         1,321         1,327         14         1,183           4         22         26         5         23           0         796         796         0         745           10         2,139         2,149         19         1,951           2,812         (840)         1,972         2,248         (951)           0         2,156         2,156         0         405           0         2,156         2,156         0         405           2,812         (2,996)         (184)         2,248         (1,356)           14,984         (16,049)         (1,065)         12,736         (14,693)

## **Pacific NW-SW Intertie Project**

#### **Facilities and Substations**

-	•	•		
Irans	smis	sion	Kev	enues
			1201	011000

	FY 2001	FY 2000
Substations		
Number of substations	4	3
Number of transformers	6	5
Transformer capacity (kVA)	5,347,837	5,131,167
Land (fee)		
Acres	286	4,528.71
Hectares	116	1,833.49
Land (easement)		
Acres	85.64	85.64
Hectares	34.67	34.67
Land (withdrawal)		
Acres	4,402.55	4,243.00
Hectares	1,782.41	1,717.82
<b>Buildings and communication</b>	ns sites	
Number of buildings	14	13

Transmission service	FY 2001 Revenue (\$)	FY 2000 Revenue (\$)
Long-term firm point-to-point	16,131,523	8,737,212
Nonfirm point-to-point	6,360,310	3,222,029
Total	22,491,833	11,959,241

**Transmission Lines** 

II GIISIIIISSI		zona	Calif	ornia	Nev	rada .	To	otal
Voltage rating	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000	FY 2001	FY 2000
500-kV								
Circuit miles	0.00	0.00	448.27	448.27	0.00	0.00	448.27	448.27
Circuit kilometers	0.00	0.00	<i>7</i> 21.2 <i>7</i>	<i>7</i> 21.2 <i>7</i>	0.00	0.00	721.27	721.27
Acres	5,361.25	5,361.25	5,176.65	5,127.74	2,234.82	2,234.82	12,772.72	12,723.81
Hectares	2,170.55	2,170.55	2,095.81	2,076.01	904.79	904.79	5,171.15	5,151.35
345-kV								
Circuit miles	226.63	226.63	0.00	0.00	11.40	11.40	238.03	238.03
Circuit kilometers	364.65	364.65	0.00	0.00	18.34	18.34	382.99	382.99
Acres	4,117.50	4,117.50	0.00	0.00	185.40	185.40	4,302.90	4,302.90
Hectares	1,667.01	1,667.01	0.00	0.00	75.06	75.06	1,742.07	1,742.07
230-kV								
Circuit miles	41.39	41.39	33.59	33.59	0.00	0.00	74.98	74.98
Circuit kilometers	66.60	66.60	54.05	54.05	0.00	0.00	120.64	120.64
Acres	384.77	384.77	572.84	573.50	0.00	0.00	957.61	958.27
Hectares	155.78	155.78	231.92	232.19	0.00	0.00	387.70	387.96
59-kV and below								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	0.00	0.00	278.78	278.78	278.78	278.78
Hectares	0.00	0.00	0.00	0.00	112.87	112.87	112.87	112.87
otals .								
Circuit miles	268.02	268.02	481.86	481.86	11.40	11.40	<i>7</i> 61.28	<i>7</i> 61.28
Circuit kilometers	431.24	431.24	<i>77</i> 5.31	<i>77</i> 5.31	18.34	18.34	1,224.90	1,224.90
Acres	9,863.52	9,863.52	5,749.49	5,701.24	2,699.00	2,699.00	18,312.01	18,263. <i>7</i> 6
Hectares	3,993.34	3,993.34	2,327.73	2,308.20	1,092.71	1,092.71	7,413.79	7,394.25

Rate Action Summary

		Туре	Date of notice		Effective date of rate			Date	
Rate order No.	Project	of rate action	of public participation	Rate schedule designation	(first day of first full billing period)	Annual incremental \$(000)	Notes	submitted to FERC	
WAPA-91	Intertie	Transmission	6/7/00	INT-FT2	10/1/00	<b>\$</b> O	Rate extension	8/29/00	

## **Transmission and Ancillary Services Rate Provisions**

2001 AC Intertie INT-FT3, Firm Point-to-point transmission; \$12 per kW per year (\$1 per kW per mont 230/345 kV transmission system	1/1/00
	1 / 1 / 0 0
200/010 17 1101111100111011	h) 1/1/99
INT-FT3, Short-term firm point-to-point transmission; Yearly \$12 per kW	
230/345-kV transmission system. Monthly \$1 per kW	1/1/99
Weekly \$0.23 per kW	
Daily \$0.03 per kW	
Hourly \$0.00137 per kWh	
INT-NTS1, Network Transmission Service Product of the network customer's load ratio	share 4/1/99
times 1/12 of the total net annual transmissi revenue requirement.	on
DSW-SD1, Scheduling, System Control <sup>1</sup> &	
Dispatch Ancillary Service \$64.05-\$88.90/schedule/day	10/1/01
DSW-RS1, Reactive Supply and Voltage	
Control Service \$0.05/kW-mo	10/1/01
DSW-El1, Energy Imbalance Service 100 mills penalty may be charged	10/1/01
DSW-FR1, Regulation & Frequency	
Response Service If available, equal to capacity charge of pro	eject; 10/1/01
DSW-SPR1, Spinning & Supplemental None available on long-term basis; market p	orice
Reserve Service if available on nonfirm basis; or procuremen	t
cost plus 10% administrative charge.	10/1/01
DSW-SUR1, Supplemental Reserve None available on long-term basis; market p	orice
Service if available on nonfirm basis; or procuremen	t
cost plus 10% administrative charge.	10/1/01

<sup>1</sup> WALC Ancillary Service – These service charges apply to AC Intertie, Parker Davis, CRSP and CAP transmission systems for transactions under

## **Pacific Northwest-Pacific Southwest Intertie Project** Status of Repayment Cumulative activities as of Sept. 30, 2001

(Dollars in thousands)

	Cumulative 2000 <sup>1</sup>	Adjustments	<b>Annual 2001</b> <sup>2</sup>	Cumulative 2001
Revenue:				
Gross operating revenue Income transfers (net)	134,358 0	(1) <sup>3</sup>	29,790	164,147 0
Total operating revenue	134,358	(1)	29,790	164,147
Expenses:				
O & M and other Purchase power and other Interest	64,536 0	712 <sup>4</sup> 0	6,700 0	71,948 0
Federally financed Non-Federally financed	120,157 0	(1,218) <sup>5</sup>	17,994	136,933 0
Total interest	120,157	(1,218)	17,994	136,933
Total expense	184,693	(506)	24,694	208,881
(Deficit)/Surplus revenue	(51,856)	505	5,096	(46,255)
Investment:				
Federally financed power	208,487	142 <sup>6</sup>		208,629
Non-Federally financed power	0			0
Nonpower	0			0
Total investment	208,487	142	0	208,629
Investment repaid:				
Federally financed power	1,521	0	0	1,521
Non-Federally financed power	0			0
Nonpower	0			0
Total investment repaid	1,521	0	0	1,521
Investment unpaid:				
Federally financed power	206,966	142 <sup>7</sup>	0	207,108
Non-Federally financed power	0			0
Nonpower	0			0
Total investment unpaid	206,966	142	0	207,108
Percent of investment repai				
Federal power	0.73%			0.73%
Non-Federal power	N/A			N/A

<sup>&</sup>lt;sup>1</sup> This column ties to the cumulative 2000 numbers (unaudited) on page 168 of the FY 2000 Operations Summary.

 $<sup>^{2}</sup>$  This column reflects FY 2001 unaudited cost data, and is based on FY 2000 audited data.

<sup>&</sup>lt;sup>3</sup> FY 2000 adjustment to correct an overstatement of revenues.

<sup>&</sup>lt;sup>4</sup> FY 2000 adjustment to correct an understatement of O&M expenses.

<sup>&</sup>lt;sup>5</sup> FY 2000 adjustment to correct an overstatement of interest expenses.

<sup>&</sup>lt;sup>6</sup> FY 2000 adjustment to correct an understatement of cumulative investments.

<sup>&</sup>lt;sup>7</sup> FY 2000 adjustment to correct an understatement of cumulative unpaid investments.

#### **Pacific Northwest-Pacific Southwest Intertie Project** Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

,		2000	•		1999	
Assets	Western	Reclamation	Total	Western	Reclamation	Total
Utility plant:						
Completed plant	\$ 206,908	0	206,908	\$ 206,691	0	206,691
Accumulated depreciation	(55,025)	0	(55,025)	(49,886)	0	(49,886)
	151,883	0	151,883	156,805	0	156,805
Construction work in progress	406	0	406	498	0	498
Net utility plant	152,289	0	152,289	157,303	0	157,303
Cash	16,052	0	16,052	13,834	0	13,834
Accounts receivable	4,153	0	4,153	1,461	0	1,461
Other assets	17,592	0	17,592	18,045	0	18,045
Total assets	190,086	0	190,086	190,643	0	190,643
Federal investment and liabiliti	es					
Federal investment:						
Congressional appropriations	187,786	52,181	239,967	185,173	52,181	237,354
Interest on Federal investment	164,114	0	164,114	146,038	0	146,038
Transfer of property & services, net	41,472	(44,070)	(2,598)	40,566	(44,070)	(3,504)
Gross Federal investment	393,372	8,111	401,483	371,777	8,111	379,888
Funds returned to U.S. Treasury	(110,121)	(8,111)	(118,232)	(97,432)	(8,111)	(105,543)
Net outstanding Federal investment	283,251	0	283,251	274,345	0	274,345
Accumulated net revenues/(deficit)	(107,204)	0	(107,204)	(93,139)	0	(93,139)
<b>Total Federal investment</b>	176,047	0	176,047	181,206	0	181,206
Commitments and contingencies <b>Liabilities:</b>						
Accounts payable	5,178	0	5,178	354	0	354
Other liabilities	8,861	0	8,861	9,083	0	9,083
Total liabilities	14,039	0	14,039	9,437	0	9,437

## Statement of Revenues, Expenses and Accumulated Net Revenues

190,086

\$ 190,643

As of September 30, 2000 and 1999 (in thousands)

Total Federal investment & liabilities \$ 190,086

7.3 of depictibel 00, 200.	2000			1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ O	0	0	\$ O	0	0	
Other operating income	16,104	0	16,104	8,614	0	8,614	
Gross operating revenues	16,104	0	16,104	8,614	0	8,614	
Income transfers, net	0	0	0	0	0	0	
Total operating revenues	16,104	0	16,104	8,614	0	8,614	
Operating expenses:							
Operation and maintenance	5,549	0	5,549	4,985	0	4,985	
Administration and general	1,126	0	1,126	939	0	939	
Depreciation	5,139	0	5,139	7,274	0	7,274	
Total operating expenses	11,814	0	11,814	13,198	0	13,198	
Net operating revenues/(deficit)	4,290	0	4,290	(4,584)	0	(4,584)	
Interest on Federal investment: Interest on Federal investment Allowance for funds used	18,377	0	18,377	17,595	0	17,595	
during construction	(22)	0	(22)	(32)	0	(32)	
Net interest expense	18,355	0	18,355	17,563	0	17,563	
Net revenues/(deficit) Accumulated net revenues:	(14,065)	0	(14,065)	(22,147)	0	(22,147)	
Balance beginning of year	(93,139)	0	(93,139)	(70,992)	0	(70,992)	
Balance end of year	\$ (107,204)	0	(107,204)	\$ (93,139)	0	(93,139)	

190,643

## **Provo River Project**

#### **Powerplants**

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability <sup>1</sup> FY 2001 (MW)		tual ipability (MW) July 1, 2000	Net general	FY 2000
<b>Utah</b> Deer Creek	PRWUA	Provo	Feb 58	2	5	5	5	20	25
Provo River Total		11040	165 30	2		<u> </u>		20	<u>25</u> 25

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

PRWUA-Provo River Water Users Assn.

#### **Marketing Plan Summary**

Project	Expiration date
Provo River	Sept. 30, 2008

#### **Power Sales and Revenue**

	Contract rate of delivery		FY 2001		FY 2000	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities						
Utah						
Utah Associated Municipal						
Power Systems			559	100,008	80	81,126
Utah Municipal Power Agency			8,740	233,364	14,185	189,300
Subtotal Utah			9,299	333,372	14,265	270,426
Total municipalities			9,299	333,372	14,265	270,426
Provo River Project total			9,299	333,372	14,265	270,426

Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities, such as project pumping energy.

# **Provo River Project**

**Status of Repayment**Cumulative activities as of Sept. 30, 2001 (Dollars in thousands)

	Cumulative 2000	Adjustments <sup>2</sup>	<b>Annual 2001</b> <sup>3</sup>	Cumulative 2001
Revenue:				
Gross operating revenue	6,340	6	333 4	6,679
Income transfers (net)	0	(15)	0	(15)
Total operating revenue	6,340	(9)	333	6,664
Expenses:				
O & M and other	3,896	(44)	272	4,124
Purchase power and other Interest	80	0	0	80
Federally financed	813	0	26	839
Non-Federally financed	0	0	0	0
Total interest	813	0	26	839
Total expense	4,789	(44)	298	5,043
(Deficit)/Surplus revenue	157	27	27	211
Investment:				
Federally financed power	1,571	0	0	1,571
Non-Federally financed power	0	0	0	0
Nonpower	192	0	0	192
Total investment	1,763	0	0	1,763
Investment repaid:				
Federally financed power	1,202	8	8	1,218
Non-Federally financed power	0	0	0	0
Nonpower	192	0	0	192
Total investment repaid	1,394	8	8	1,410
Investment unpaid:				
Federally financed power	368	(8)	(8)	353
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	368	(8)	(8)	353
Percent of investment repair	d to date:			
Federal power	76.55%			77.53%
Non-Federal power	N/A			N/A
Nonpower	100%			100%

This column ties to the cumulative FY 2000 numbers on page 170 of the FY 2000 Operations Summary.
 Adjustments reflect the FY 2000 audited financial statements.
 Based on estimates for FY 2001.

<sup>&</sup>lt;sup>4</sup> Revenues reflect data reported in the Statistical Appendix to the FY 2001 Annual Report.

### Provo River Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

		2000			1999	
Assets	Western	Reclamation	Total	Western	Reclamation	Total
Utility plant:						
Completed plant	\$ O	1,515	1,515	\$ O	1,515	1,515
Accumulated depreciation	0	(754)	(754)	0	(729)	(729)
	0	761	<i>7</i> 61	0	786	786
Construction work in progress	201	0	201	186	0	186
Net utility plant	201	761	962	186	786	972
Cash	2	39	41	2	47	49
Accounts receivable	19	0	19	1 <i>7</i>	0	1 <i>7</i>
Other assets	2	5	7	2	1	3
Total assets	224	805	1,029	207	834	1,041
Federal investment and liabilities	es					
Federal investment:	718	4,198	4,916	697	3,961	4,658
Congressional Appropriations Interest on Federal Investment	45	102	4,916 147	31	3,961 75	4,036
Transfer of Property & Services, net	3,856	(3,867)	(11)	3,612	(3,613)	(1)
Gross Federal investment	4,619	433	5,052	4,340	423	4,763
Funds returned to U.S. Treasury	(4,378)	(506)	(4,884)	(4,136)	(506)	(4,642)
Net outstanding Federal investment	241	(73)	168	204	(83)	121
Accumulated net revenues	(21)	606	585	1	608	609
Total Federal investment	220	533	753	205	525	730
Commitments and contingencies Liabilities:						
Accounts payable	1	17	18	0	23	23
Other liabilities	3	255	258	2	286	288
Total liabilities	4	272	276	2	309	311
<b>Total Federal investment &amp; liabilities</b>	\$ 224	805	1,029	\$ 207	834	1,041

## Statement of Revenues, Expenses and Accumulated Net Revenues

7 to 01 00p10111201 00, 2000		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 283	0	283	\$ 193	0	193	
Other operating income	(15)	8	(7)	15	3	18	
Gross operating revenues	268	8	276	208	3	211	
Income transfers, net	(269)	254	(15)	(205)	205	0	
Total operating revenues	(1)	262	261	3	208	211	
Operating expenses:							
Operation and maintenance	13	212	225	5	153	158	
Administration and general	8	0	8	7	0	7	
Purchased Transmission Services	0	0	0	0	0	0	
Depreciation	0	25	25	0	26	26	
Total operating expenses	21	237	258	12	179	191	
Net operating revenues/(deficit)	(22)	25	3	(9)	29	20	
Interest on Federal investment:							
Interest on Federal investment Allowance for funds used	15	27	42	14	24	38	
during construction	(15)	0	(15)	(14)	0	(14)	
Net interest expense	0	27	27	0	24	24	
Net revenues Accumulated net revenues:	(22)	(2)	(24)	(9)	5	(4)	
Balance beginning of year	1	608	609	10	603	613	
Balance end of year	\$ (21)	606	585	\$ 1	608	609	

## **Washoe Project**

## **Energy Resource and Disposition**

### **Marketing Plan Summary**

		GWh)				
	FY 2001	FY 2000	Project	Expiration date		
Energy resources Net generation		_12	Washoe Projects	Dec. 31, 2004		
Total energy resources	7	12				
<b>Energy disposition</b> Sales of electric energy						
Western sales	_ 7	12				
Total energy sales	7	12				
Total energy delivered	7	12				
Total energy disposition	7	12				

#### **Powerplants**

Project/state/ plant name	Operating agency	River	Initial in-service date		Installed capability <sup>1</sup> FY 2001 (MW)		tual pability (MW) July 1, 2000	Net generat	FY 2000
<b>California</b> Stampede	Reclamation	Little Truckee	Dec 86	1	4	3	3	7	12
<b>Washoe Total</b>				1	4	3	3	7	12

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit. It is independent of water constraints.

#### **Nonfirm Power Rate Provisions**

Fiscal year	1 4 -4 1410		Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2001	SNF-5	None	Formula rate Floor: 17.89 mills/kWh Ceiling: 90.07 mills/kWh	10/1/00	N/A

#### **Rate Actions Summary**

		Туре	Date of notice		Effective date of rate	Projected	Date	Date
Rate order		of rate	of public	Rate schedule	(First day of first full	Annual incremental*	submitted to	of FERC
no.	Project	action	participation	designation	billing period)	\$(000)	FERC	confirmation
WAPA-93	Washoe Project,	nonfirm energy	03/28/00	SNF-5	10/01/00	(\$121)	08/23/00	10/19/00

<sup>\*</sup> Annual average revenue decrease over the rate case period.

<sup>&</sup>lt;sup>2</sup> Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

#### **Power Sales and Revenue**

FY 2000

Customer	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Public utility districts				
California				
Northern California Power Agency	5,054	577,842	0	0
<b>Total</b> public utility districts	5,054	577,842	0	0
Investor-owned utilities				
Nevada				
Sierra-Pacific Power Co.	1,800	144,000	12,338	224,366
Subtotal Nevada	1,800	144,000	12,338	224,366
Total investor-owned utilities	1,800	144,000	12,338	224,366
Washoe Project total	6,854	721,842	12,338	224,366

Note: Energy sales for FY 2001 based on the balance of exchange account, after meeting project use costs. FY 2001 revenue based on market rates at the time of the sale.

## **Washoe Project Status of Repayment**

Cumulative activities as of Sept. 30, 2001 (Dollars in thousands)

,	Cumulative 2000	Adjustments	Annual 2001	Cumulative 2001
Revenue:				
Gross operating revenue	2,088	0	722	2,810
Income transfers (net)	0	0	0	0
Total operating revenue	2,088	0	722	2,810
Expenses:				
O & M and other	2,194	0	326	2,520
Purchase power and other Interest0	0	0		0
Federally financed	3,261	0	346	3,607
Non-Federally financed	0	0		0
Total interest	3,261	0	346	3,607
Total expense	5,455	0	672	6,127
(Deficit)/Surplus revenue	(3,367)	0	50	(3,317)
Investment:				
Federally financed power	4,562	0	(52) <sup>1</sup>	4,510
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	4,562	0	(52)	4,510
Investment repaid:				
Federally financed power	0	0	0	0
Non-Federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	0	0	0	0
Investment unpaid:				
Federally financed power	4,562	0	(52) <sup>1</sup>	4,510
Non-Federally financed power	0	0		0
Nonpower	0	0	0	0
Total investment unpaid	4,562	0	(52)	4,510
Percent of investment repai				0.000/
Federal	0.00%			0.00%
Non-Federal	N/A			N/A

 $<sup>^{\</sup>rm 1}\,$  Adjustment to the plant is based on Reclamation cost allocation percentages.

# Washoe Project Statement of Assets, Federal Investment and Liabilities

As of September 30, 2000 and 1999 (in thousands)

	2000			1999	
Western	Reclamation	Total	Western	Reclamation	Total
\$ 216 (58)	8,459 (1,902)	8,675 (1,960)	\$ 216 (53)	8,459 (1,511)	8,675 (1,564)
158	6.557	6.715	163	6.948	7,111
0	0	0	1	0	1
158	6,557	6,715	164	6,948	7,112
1	3,846	3,847	3	508	511
108	0	108	45	0	45
0	16	16	0	16	16
267	10,419	10,686	212	7,472	7,684
	<del></del>			<del></del>	
283	12.584	12.867	238	9.869	10,107
131	4,790	4,921	125	4,129	4,254
1,285	(1,179)	106	1,193	(1,139)	54
1,699 (1,247)	16,195 (26)	17,894 (1,273)	1,556 (1,090)	12,859 (26)	14,415 (1,116)
452 (185)	16,169 (5,797)	16,621 (5,982)	466 (257)	12,833 (5,382)	13,299 (5,639)
267	10,372	10,639	209	7,451	7,660
0	0	0	0	0	0
0	47	47	3	21	24
0	47	47	3	21	24
\$ 267	10,419	10,686	\$ 212	7,472	7,684
	\$ 216 (58) 158 0 158 0 158 0 267 267 283 131 1,285 1,699 (1,247) 452 (185) 267	Western         Reclamation           \$ 216 (58) (1,902)         8,459 (1,902)           158 6,557 0 0 0         0           158 6,557 1 3,846 0 0 16         0           267 10,419         16           267 10,419         16           283 12,584 131 4,790 1,285 (1,179) 1,699 16,195 (1,247) (26) 452 (185) (5,797) 16,169 (1,247) (26) 452 (185) (5,797) 10,372         16,169 (1,247) (26) 47           0 0 0 47 10,372         0 47 47           0 47 0 47         0 47	Western         Reclamation         Total           \$ 216 (58) (1,902) (1,960)         8,675 (1,960)           158 (5,557 (6,715)         0 0 0           0 0 0         0           158 (6,557 (6,715)         0 108 (1,960)           1 3,846 (3,847)         108 (0 108 (1,960)           0 16 (16 (16 (16 (16 (16 (16 (16 (16 (16	Western         Reclamation         Total         Western           \$ 216 (58) (1,902) (1,960) (58) (1,960) (53)         \$ 216 (58) (1,902) (1,960) (53)           \$ 158 (6,557) (6,715 (163) (164) (175) (175) (164)         \$ 6,557 (6,715) (164)           \$ 1 (108) (108	Western         Reclamation         Total         Western         Reclamation           \$ 216         8,459         8,675         \$ 216         8,459           (58)         (1,902)         (1,960)         (53)         (1,511)           158         6,557         6,715         163         6,948           0         0         0         1         0           158         6,557         6,715         164         6,948           1         3,846         3,847         3         508           108         0         108         45         0           0         16         16         0         16           267         10,419         10,686         212         7,472           283         12,584         12,867         238         9,869           131         4,790         4,921         125         4,129           1,285         (1,179)         106         1,193         (1,139)           1,699         16,195         17,894         1,556         12,859           (1,247)         (26)         (1,273)         (1,090)         (26)           452         16,169         16,621

## Statement of Revenues, Expenses and Accumulated Net Revenues

7.6 or oopiombor 00, 2000		2000		1999			
	Western	Reclamation	Total	Western	Reclamation	Total	
Operating revenues:							
Sales of electric power	\$ 215	0	215	\$ 43	0	43	
Other operating income	5	0	5	0	0	0	
Gross operating revenues	220	0	220	43	0	43	
Income transfers, net	(92)	92	0	(134)	139	5	
Total operating revenues	128	92	220	(91)	139	48	
Operating expenses:							
Operation and maintenance	35	99	134	21	23	44	
Administration and general	10	0	10	5	0	5	
Depreciation	5	130	135	4	130	134	
Total operating expenses	50	229	279	30	153	183	
Net operating revenues/(deficit)	78	(137)	(59)	(121)	(14)	(135)	
Interest on Federal investment:							
Interest on Federal investment Allowance for funds used	6	278	284	6	269	275	
during construction	0	0	0	0	0	0	
Net interest expense	6	278	284	6	269	275	
Net revenues/(deficit) Accumulated net revenues:	72	(415)	(343)	(127)	(283)	(410)	
Balance beginning of year	(257)	(5,382)	(5,639)	(130)	(5,099)	(5,229)	
Balance end of year	\$ (185)	(5,797)	(5,982)	\$ (257)	(5,382)	(5,639)	